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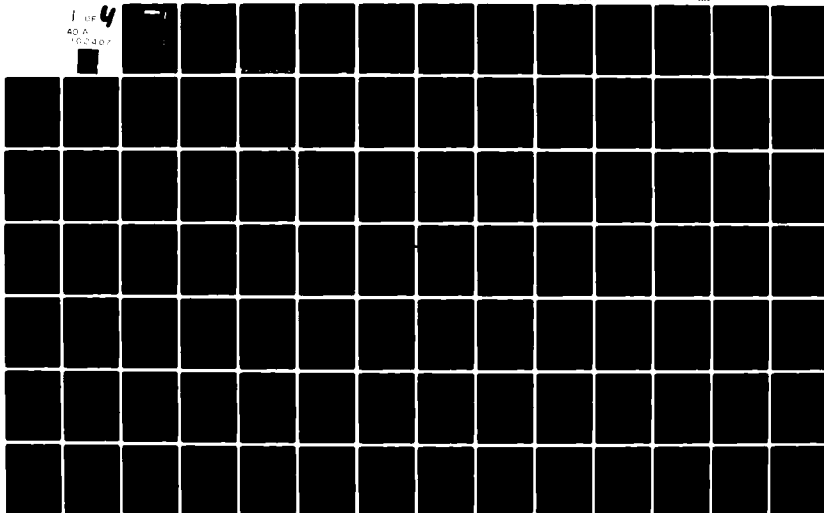
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WAKE ISLAND INTERNATIONAL AIRPORT. REVISED UNIFORM SUMMARY OF S--ETC(U)
JUN 65

UNCLASSIFIED USAFETAC/DS-81/069

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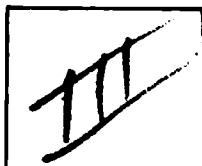


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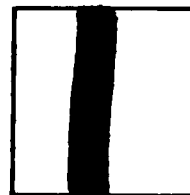
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AD A102407

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Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

WAKE ISLAND INT APT WBO WBAN #41606
N 19 17 E 166 39 ELEV 16FT PWAK WMO #91245

PARTS A-F
FOR FROM HOURLY OBS JAN 46-DEC 47, NOV 49-JUN 65
FOR FROM DAILY OBS JAN 46-DEC 47, NOV 49-JUN 65

JUN 1965

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49 0 2
50-65 1 1
17 15

FEDERAL BUILDING
ASHEVILLE, N. C.

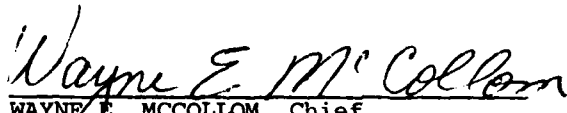
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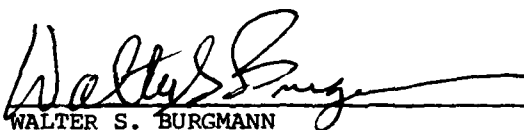
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This technical report has been reviewed and is approved for publication.


WAYNE E. MCCOLLOM, Chief
Technical Information Section
USAFETAC/TST

FOR THE COMMANDER


WALTER S. BURGMANN
AWS Scientific and technical
Information Officer (STINFO)

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1. REPORT NUMBER USAFETAC/DS- 81/069	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER															
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7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER															
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperatures	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative Humidity	*Climatological data	(over)
*RUSSWO	Daily temperatures	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative Humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for WAKE ISLAND INTERNATIONAL AIRPORT It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)																	

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
 * Wake Island
20. and dew point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurring tables.

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FORM 11-17

REVISED UNIFORM SUMMARY OF

SURFACE WEATHER OBSERVATIONS

STA NO.	STATION NAME	LATITUDE	LONGITUDE	ELEV FT.	CALL SIGN	WMO NO.
41606	WAKE ISLAND INT APT WBO	N 19 17	E 166 39	16	PWAK	91245

PERIOD OF RECORD

FOR HOURLY OBSERVATIONS JAN 46-DEC 47, NOV 49-JUN 65

FOR DAILY OBSERVATIONS JAN 46-DEC 47, NOV 49-JUN 65

SUMMARIES

PART A WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

PART B PRECIPITATION
SNOWFALL
SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY
SKYCOVER

PART E DAILY MAX, MIN, AND MEAN TEMPERATURES
EXTREME MAX AND MIN TEMPERATURES
PSYCHROMETRIC- DRY VS WET BULB
MEANS & STD DEV- DRY BULB, WET BULB, AND DEW POINT
RELATIVE HUMIDITY

PART F STATION PRESSURE
SEA LEVEL PRESSURE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MATS)
ASHEVILLE, NORTH CAROLINA

Revised UNIFORM SUMMARY of SURFACE WEATHER OBSERVATIONS

DESCRIPTION OF SUMMARIES:

Preceding each section is a brief description of the data comprising each part of the revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

HOURLY OBSERVATIONS are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

STANDARD 3-HOUR GROUPS All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle(glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combination of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be

reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

WEATHER CONDITIONS

41606

WAKE ISLAND INT APT WBO

46-47,49-65

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	3.0				3.0	.0	.1			.1	12588
FEB			3.4				3.4						11474
MAR			4.1				4.1	.0				.0	12599
APR		.0	4.4				4.4						12190
MAY		.0	3.5				3.5						12787
JUN		.2	4.1				4.1		1.1			1.1	12365
JUL		.1	6.6				6.6						12106
AUG		.2	7.4				7.4						12135
SEP		.2	5.9				5.9						11146
OCT		.3	7.2				7.2						12353
NOV		.1	4.9				4.9						12613
DEC		.0	3.9				3.9						13054
TOTALS		.1	4.9				4.9	.0	.1			.1	148310

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28901

WEATHER CONDITIONS

41606
STATION

LAKE ISLAND INT APT WBC
STATION NAME

46-47, 50-55

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		4.0				4.0	.1	.3			.3	1542
	03-05	.1	4.4				4.4		.1			.1	1542
	06-08		4.0				4.0		.1			.1	1603
	09-11		3.5				3.5						1605
	12-14		3.0				3.0						1605
	15-17	.1	3.9				3.9						1601
	18-20		3.8				3.8	.2				.2	1546
	21-23		3.2				3.2	.1				.1	1544
TOTALS		.0	3.8				3.8	.0	.1			.1	12518

WEATHER CONDITIONS

FILE
MONTH

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
FEB	00-02		4.3				4.2						1412
	03-05		4.3				4.3						1409
	06-08		3.9				3.9						1463
	09-11		2.4				2.4						1465
	12-14		3.3				3.3						1464
	15-17		2.0				2.0						1437
	18-20		3.5				3.5						1412
	21-23		3.5				3.5						1412
TOTALS			3.4				3.4						14474

MONTH
2012

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		5.6				5.6						550
	03-05		5.9				5.9						550
	06-08		4.5				4.5						1607
	09-11		3.9				3.9						1608
	12-14		3.2				3.2						1611
	15-17		3.5				3.5	.1				.1	1573
	18-20		2.9				2.9						1550
	21-23		3.3				3.3						1550
TOTALS			4.1				4.1	.0				.0	12599

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

WEATHER CONDITIONS

41606

LAKE ISLAND INT APT WBC

46-47,50-65

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-01	.1	5.1				5.1						1517
	03-05		6.2				6.2						1522
	06-08		5.0				5.0						1554
	09-11		4.1				4.1						1559
	12-14		3.3				3.3						1553
	15-17		3.5				3.5						1539
	18-20		4.1				4.1						1519
	21-23		4.2				4.2						1517
TOTALS		.6	4.4				4.4						12400

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

WEATHER CONDITIONS

41606 STATION

WAKE ISLAND INT APT WDC

STATION NAME

46-47.50-04

YEARS

MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
MAY	00-02		3.9				3.9						1584
	03-05		4.9				4.9						1535
	06-08	.1	4.7				4.7						1612
	09-11		3.0				3.0						1611
	12-14		2.4				2.4						1612
	15-17		2.3				2.3						1602
	18-20		3.0				3.0						1591
	21-23		3.6				3.6						1591
TOTALS		.0	3.5				3.5						12787

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

WEATHER CONDITIONS

41606 STATION NAME WAKE ISLAND INT APT WEC 46-47,50-65 YEARS MONTH JUN

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	.4	4.2				4.2		1.1			1.1	1537
	03-05	.5	4.0				4.0		1.0			1.0	1538
	06-08		4.0				4.0		1.2			1.2	1537
	09-11		3.7				3.7		1.0			1.0	1556
	12-14		5.0				5.0		1.0			1.0	1560
	15-17		4.0				4.0		1.2			1.2	1546
	18-20	.3	3.7				3.7		1.2			1.2	1536
	21-23	.3	3.8				3.8		1.2			1.2	1535
TOTALS		.2	4.1				4.1		1.1			1.1	12365

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 ASHEVILLE, N. C. 28801

WEATHER CONDITIONS

41606 WAKE ISLAND INT APT WBC 46-47.50-64 JUL MONTH
 STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	.1	6.7				6.7						1474
	03-05	.2	8.4				8.4						1472
	06-08		7.0				7.0						1479
	09-11	.1	7.7				7.7						1581
	12-14	.1	5.8				5.8						1490
	15-17	.1	6.2				6.2						1546
	18-20		5.0				5.0						1495
	21-23		5.9				5.9						1470
TOTALS		.1	6.6				6.6						12196

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

WEATHER CONDITIONS

41606 STATION

WAKE ISLAND INT APT WBC
STATION NAME

46-47,50-64

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.1	6.5				6.5						1457
	03-05	.5	9.1				9.1						1456
	06-08	.2	7.6				7.6						1578
	09-11	.3	7.2				7.2						1580
	12-14		7.0				7.0						1560
	15-17	.1	7.5				7.5						1546
	18-20	.1	7.3				7.3						1486
	21-23	.3	7.1				7.1						1452
TOTALS		.2	7.4				7.4						12135

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28901

WEATHER CONDITIONS

41606 STATION NAME MAKE ISLAND INT APT WBC STATION NAME 46-47, 50-64 YEARS MONTH SEP

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.2	6.6				6.6						1446
	03-05	.1	6.8				6.8						1446
	06-08	.2	6.6				6.6						1522
	09-11	.1	5.5				5.5						1523
	12-14	.1	4.7				4.7						1521
	15-17	.3	4.3				4.3						1493
	18-20	.3	3.7				3.7						1448
	21-23	.2	5.5				5.5						1447
TOTALS		.2	5.5				5.5						11446

WEATHER CONDITIONS

130

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
OCT	00-02	.4	8.9				8.9						1520
	03-05	.3	9.6				9.6						1517
	06-08	.1	7.7				7.7						1580
	09-11	.1	6.4				6.4						1581
	12-14	.3	5.6				5.6						1580
	15-17	.3	6.0				6.0						1549
	18-20	.4	6.7				6.7						1519
	21-23	.3	7.1				7.1						1517
TOTALS		.3	7.2				7.2						12363

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ETAC, USAF
ASHEVILLE, N. C. 28801

WEATHER CONDITIONS

41606
STATION

WAKE ISLAND INT APT HBC
STATION NAME

46-47,49-64
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	.1	4.8				4.8						1555
	03-05	.2	5.5				5.5						1556
	06-08	.1	4.5				4.5						1610
	09-11		4.5				4.5						1607
	12-14		4.5				4.5						1614
	15-17		4.8				4.8						1677
	18-20	.1	5.3				5.3						1554
	21-23	.1	5.0				5.0						1550
TOTALS		.1	4.9				4.9						12623

3

WEATHER CONDITIONS

41606
STATION

WAKE ISLAND INT APT V

WAKE ISLAND INT APT WBC

46-47,49-64

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBS TO VISION	TOTAL NO OF OBS.
DEC	00-02		5.3				5.3						1608
	03-05	.1	5.2				5.2						1608
	06-08	.1	4.0				4.0						1608
	09-11		3.1				3.1						1659
	12-14	.1	2.8				2.8						1608
	15-17		3.2				3.2						1626
	18-20	.1	3.7				3.7						1606
	21-23		4.2				4.2						1621
TOTALS		.6	3.9				3.9						13554

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed, "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WEAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than $5/8$ mile.

DATA PROCESSING DIVISION
 FTAC, USAF
 ASHEVILLE, N. C. 28901

WEATHER CONDITIONS

STATION 41606 WAKE ISLAND INT APT WBC STATION NAME 46-47,49-65 YEARS MONTH ALL

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY		58.7				55.6	.4	.4			.7	518
FEB			62.0				61.2						518
MAR			63.7				64.7	.1				.2	518
APR		.4	75.4				74.6	.2				.2	540
MAY		.4	78.4				76.7						540
JUN		2.6	78.3				78.1		2.0			2.0	540
JUL		2.6	87.5				86.1						540
AUG		3.8	83.0				83.2						540
SEP		3.9	84.7				82.9						540
OCT		5.9	83.2				83.8						540
NOV		1.5	76.5				75.4						540
DEC		.7	68.0				67.1						540
TOTALS		1.8	74.9				73.6	.1	.4			.3	5450

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE (MATS)
 ASHEVILLE, NORTH CAROLINA

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION

DERIVED FROM DAILY OBSERVATIONS

SNOWFALL*

DERIVED FROM DAILY OBSERVATIONS

SNOW DEPTH

DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
US Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956.

DATA PROCESSING DIVISION
ETAC, USAF
ASHVILLE, N. C. 28901

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

41606 WAKE ISLAND INT APT WBO 46-47,49-49

STATION NAME

YEARS

PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
																MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	41.2	26.6	5.7	9.3	7.4	6.0	2.5	.4	.2				0.6	12.3	57	1.02	2.0	.7
FEB	38.3	31.3	5.1	11.6	4.1	6.0	1.2	1.0	.0				1.8	19.9	508	1.03	3.0	.7
MAR	35.7	26.3	5.9	13.4	7.3	6.0	2.5	1.0	.4				1.1	11.0	558	1.56	5.0	.3
APR	25.2	26.7	6.9	15.4	8.1	10.4	5.3	1.3	.4				1.4	49.1	540	1.49	3.0	.5
MAY	23.3	29.6	6.5	15.1	9.7	9.3	3.1	2.0	.9				1.1	47.1	558	1.79	3.6	.4
JUN	21.9	25.4	6.3	16.9	10.4	12.6	3.7	1.5	.9	.4			1.1	52.4	540	2.51	6.0	.6
JUL	13.9	26.2	7.2	16.1	12.3	10.1	8.0	2.7	2.2	.4			1.3	10.0	527	4.40	10.0	.74
AUG	16.7	22.0	5.7	14.4	9.7	11.6	5.7	5.3	4.1	.4			1.1	53.3	57	6.40	9.0	.7
SEP	17.3	22.9	6.3	12.5	10.2	13.9	8.8	4.3	3.1	.4			1.7	59.6	510	4.83	10.0	.47
OCT	16.5	20.5	7.0	12.9	10.6	14.0	7.4	6.3	3.6	.4			1.1	50.0	527	5.31	7.1	2.0
NOV	24.6	26.3	8.1	13.7	7.6	10.7	4.4	2.2	1.0	.4			1.1	44.1	540	2.10	8.84	1.3
DEC	33.2	27.1	6.6	15.6	5.7	6.1	3.0	2.1	.4				1.2	5.7	7	1.65	.04	.74
ANNUAL	25.7	25.9	6.4	14.0	8.6	10.0	4.9	2.6	1.6	.3				4.4	639	5.0		

DATA PROCESSING DIVISION
ETAC, USAF
ASHVILLE, N.C. 28901

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

41606 WAKE ISLAND INT APT WBO 46-47,49-53 YEARS
STATION NAME

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	.55	.65	.75	.61	.69	4.21	4.09	1.33	1.70	.35	.53		
47	.43	.34	.52	.76	.34	.31	1.30	4.30	.80	.80	.78	.24	4.4
49	.36	.19	.32	.33	.54	1.69	2.09	3.74	1.31	1.49	4.34	.57	4.4
50	.67	1.04	.22	.30	.31	.27	.38	.75	.58	1.03	.61	.54	3.9
51	.29	.14	.11	.42	.01	.47	3.82	.99	1.00	.99	.45	.57	3.9
53	.12	1.32	.33	.73	.94	2.71	1.42	3.57	.31	.81	1.24	.71	3.9
54	.68	1.09	.35	.40	.28	.27	1.64	1.99	.61	1.30	3.90	1.17	3.9
55	.31	1.16	2.27	.59	.29	.26	.24	1.39	1.06	1.70	.24	.06	3.9
56	1.24	.10	.77	.19	.41	.28	2.15	.55	.70	1.54	1.58	.20	3.9
57	.24	.22	1.66	.44	1.02	.39	.29	1.90	1.35	.36	.43	.14	3.9
58	.19	.12	.13	.39	.44	.24	1.18	.48	2.21	1.67	1.38	.14	3.9
59	.27	.22	.16	.62	.61	.93	.77	.52	1.44	.54	.72	1.70	3.9
60	.11	.21	.11	.42	.30	2.33	1.12	1.45	1.50	2.60	2.33	.40	3.9
61	.37	.33	.24	.46	.16	.23	1.41	2.06	2.67	2.29	1.02	.44	3.9
62	.22	.68	.24	.33	.30	2.02	2.02	1.59	1.53	3.19	.34	1.14	3.9
63	.21	.16	.44	.07	.39	.89	.73	2.14	.69	1.37	2.19	.71	3.9
64	.34	.20	.34	1.10	.13	2.54	.92	1.09	1.51	.89	1.92	.66	3.9
65	.04	.52	.51	1.48	.37	.73							
MEAN	.26	.48	.54	.53	.55	.93	1.50	1.75	1.47	1.40	1.30	.83	
S.D.	.240	.402	.566	.352	.344	.384	.162	1.118	.951	.737	1.194	.390	
TOTAL OBS.	227	208	558	240	533	340	527	527	527	527	541	527	527

DATA PROCESSING DIVISION
 LTAC, USAF
 ASHEVILLE, N. C. 28801

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOWFALL
 (FROM DAILY OBSERVATIONS)

41606 WAKE ISLAND INT APT WRO STATION NAME 46-47, 49-61 YEARS

PRECIP	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	50.5-100.0	100.1-200.0	OVER 200.0	PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
																		MEAN	GREATEST	LEAST
JAN	100.0																58	.0	.0	.0
FEB	100.0																508	.0	.1	.0
MAR	100.0																558	.0	.1	.0
APR	100.0																540	.0	.1	.0
MAY	100.0																558	.0	.1	.0
JUN	100.0																540	.0	.1	.0
JUL	100.0																527	.0	.0	.0
AUG	100.0																517	.0	.0	.0
SEP	100.0																510	.0	.1	.0
OCT	100.0																527	.0	.1	.0
NOV	100.0																540	.0	.0	.0
DEC	100.0																527	.0	.0	.0
ANNUAL	100.0																6470	.0		

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 26801

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

41606 WAKE ISLAND INT APT FBO
STATION NAME

46-47,49-55

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
51	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
52	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
53	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
54	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
55	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
56	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
57	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
58	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
59	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
60	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
61	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
62	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
63	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
64	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
65	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
S. D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	558	508	558	540	558	540	527	577	510	527	540	527	540

DATA PROCESSING DIVISION
 LTAC, USAF
 ASHEVILLE, N. C. 28801

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOWDEPTH
 (FROM DAILY OBSERVATIONS)

STATION 41606 LAKE ISLAND INT API ABC STATION NAME 46-47, 49-55 YEARS

AMOUNTS (INCHES)															PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	100.0														558				
FEB	100.0														508				
MAR	100.0														508				
APR	100.0														540				
MAY	100.0														508				
JUN	100.0														540				
JUL	100.0														507				
AUG	100.0														507				
SEP	100.0														510				
OCT	100.0														507				
NOV	100.0														540				
DEC	100.0														509				
ANNUAL	100.0														6451				

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

EXTREME VALUES

SNOWDEPTH
(FROM DAILY OBSERVATIONS)

46-47, 49-5

41606 LAKE ISLAND INT API REC

YEARS

STATION NAME

DAILY SNOWDEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S. D.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL OBS.	558	508	558	540	558	540	527	527	514	527	540	558	6451

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VAREL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

STATION NO:		STATION NAME:		LATITUDE:		LONGITUDE:		BAROMETER ELEV FT		CALL SIGN:		WMO NO:	
41606		WAKE ISLAND INT APT WBO		N 19 17		E 166 39		16		FWAK		91245	
STATION HISTORY AND WIND EQUIPMENT INFORMATION													
DATE OF CHANGE	TYPE OF STATION CHANGE	WIND EQUIPMENT LOCATION				TYPE OF TRANSMITTER	TYPE OF RECORDER	HEIGHT ABOVE GROUND					
Jan 46 thru 12/47	Wake Island NAS	Not available				Anemometer	N/A	N/A					
11/1/49	Wake Island WRAS	On tower				Anemometer	N/A	69 Ft					
5/10/51	No change	No change				F 420-B	Wind Speed & Gust	69 Ft					
12/31/57	No change	No change				No change	No change	55 Ft					
2/19/58	No change	On roof of building				No change	F 312	41 Ft					
6/25/58	No change	No change				No change	No change	No change					
7/18/63	No change	On field runway				F 420-C	No change	21 Ft					

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

41606	WAKE ISLAND INT APT 406	46-47,65
STATION	STATION NAME	YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	E 35	NE 30				E 31	31 WSW 32 E		31	40ENE 32 E		34	
47						LNE 28							
65	(40)	(37)	(40)	32	30	26	27	(42)	30	34	(35)	(35)	
MEAN	35.0	29.0	36.0	33.5		29.5	31.2	31.0	32.0	40.0	32.0	34.0	
S. D.													
TOTAL OBS.	21	36	31	27		59	31	32	30	31	30	31	416

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME WAKE ISLAND INT APT WFO YEARS 46-47, 49-65 ALL MONTH
STATION 41606 ALL WEATHER CLASS ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.4	.3	.1	.0	.0					1.3	10.1
NNE	.1	.4	.8	.4	.3	.1	.0	.0				2.5	11.0
NE	.3	.9	2.8	3.9	1.6	.4	.0	.0				9.9	12.3
ENE	.3	1.8	8.6	17.2	7.3	1.3	.1	.0				36.8	13.3
E	.6	2.4	9.9	12.0	3.0	.3	.0	.0				28.2	11.9
ESE	.3	1.3	4.2	3.3	.5	.1	.0	.0	.0			9.5	10.1
SE	.3	.9	1.7	.6	.1	.0	.0	.0				3.5	8.0
SSE	.1	.4	.6	.3	.0	.0						1.5	8.2
S	.2	.4	.6	.2	.0	.0	.0					1.5	7.6
SSW	.1	.2	.3	.1	.0	.0						.7	7.3
SW	.1	.2	.3	.1	.0	.0						.8	7.9
WSW	.0	.2	.3	.1	.0	.0						.6	7.9
W	.1	.2	.2	.1	.0	.0						.5	7.3
WNW	.0	.1	.1	.1	.0	.0						.3	7.1
NW	.1	.1	.1	.0	.0	.0			.0			.4	7.4
NNW	.0	.1	.1	.1	.0	.0		.0				.4	6.3
VARBL													
CALM												1.4	
	2.7	9.8	31.2	39.2	13.1	2.2	.2	.0	.0	.0	.0	100.0	11.6

TOTAL NUMBER OF OBSERVATIONS

149312

DATA PROCESSING DIVISION
AFAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41006 WAKE ISLAND INT APT 200 STATION NAME 46-47.50-60 YEARS JAN MONTH ALL HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.6	1.7	1.2	.3	.0						4.3	9.3
NNE	.2	.3	2.5	2.2	1.0	.2	.0					7.0	11.4
NE	.3	1.3	4.4	7.1	3.6	.9	.1	.0				17.6	13.1
ENE	.3	1.4	7.0	11.6	5.1	1.0	.3	.0				27.9	13.7
E	.4	1.4	4.9	6.7	2.1	.5	.0					16.0	12.0
ESE	.2	.8	3.6	3.1	.4	.0						6.1	10.2
SE	.2	.0	1.1	.3	.0							2.4	9.0
SSE	.1	.3	.9	.2	.0							1.4	8.0
S	.2	.6	1.0	.4	.0							2.2	7.9
SSW	.1	.3	.7	.4	.0							1.4	8.8
SW	.2	.5	.9	.7	.1	.0						2.4	9.3
WSW	.1	.6	1.3	.6	.3	.2						2.6	9.2
W	.1	.4	.7	.2	.1	.0						1.6	8.5
WNW	.0	.3	.4	.2	.2	.1						1.4	8.5
NW	.1	.3	.4	.3	.1	.0						1.3	9.0
NNW	.1	.4	.5	.4	.1							1.5	8.7
VARBL													
CALM													
	2.9	10.7	30.8	34.7	13.4	4.0	.4	.1				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

1209

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 NAME PAKI ISLAND INT API APO YEARS 46-47, 50-65 MONTH FEB ALL HOURS (LST.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3	.5	1.2	.3							3.0	10.6
NNE	.2	.7	1.6	2.3	.9	.1	.0	.0				3.8	12.1
NE	.2	1.1	4.0	7.1	3.7	.9	.1					17.1	23.6
ENE	.1	1.4	6.6	14.9	6.9	1.2	.1					31.3	33.7
E	.4	1.7	7.2	7.3	1.9	.2	.0					18.7	11.2
ESE	.2	.9	3.5	2.6	.5	.0						7.8	10.2
SE	.2	.0	1.6	.4								3.0	7.7
SSE	.1	.4	.6	.3								1.5	7.9
S	.3	.7	.5	.3								2.0	7.0
SSW	.1	.2	.3	.2		.0						.9	8.0
SW	.1	.5	.7	.2	.0							1.5	7.7
WSW	.1	.2	.6	.2	.3							1.1	8.4
W	.1	.4	.8	.2	.0							1.5	7.9
WNW	.0	.2	.4	.2	.0							1.0	8.6
NW	.1	.3	.3	.1	.0							.3	7.2
NNW	.1	.3	.3	.2	.0							.9	8.1
VARBL													
CALM												2.1	
	2.6	10.2	30.1	37.8	14.4	7.6	.2	.0				100.0	11.6

TOTAL NUMBER OF OBSERVATIONS

11473

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

18

STATION 41606 WAKE ISLAND INT APT ABC STATION NAME 40-47, 40-61 YEARS MONTH ALL HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.2	.3	.4	.2	.1	.0					1.4	10.3
NNE	.1	.4	1.0	.9	.4	.9	.0					3.0	11.1
NE	.3	1.0	3.0	5.6	2.8	.9	.1					13.7	13.5
ENE	.2	1.3	7.3	17.6	6.0	2.0	.5	.0				37.0	14.1
E	.6	1.8	7.3	9.8	3.4	.4	.2	.0				23.3	12.1
ESE	.3	1.1	5.8	2.2	.7	.1	.1	.0				8.9	10.8
SE	.3	1.0	2.0	.7	.0	.0						4.1	10.1
SSE	.1	.1	.7	.3	.0							1.7	10.2
S	.1	.3	.5	.1	.0							1.0	7.4
SSW	.1	.2	.4	.2	.0							.9	10.0
SW	.0	.1	.3	.0								.7	10.1
WSW	.1	.3	.5	.3	.0							1.1	10.7
W	.1	.2	.3	.1								.6	7.1
WNW	.1	.1	.1	.1								.3	7.9
NW	.1	.4	.2	.0								.7	10.8
NNW	.0	.1	.3	.1								.6	10.3
VARBL													
CALM													
	2.6	9.0	28.4	18.9	15.6	3.4	.3	.1				100.0	12.2

TOTAL NUMBER OF OBSERVATIONS

2709

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28201

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41606

STATION NAME
MAKE ISLAND INT APT ABC

46-47, 50-6

YEARS

4 18

MONTH

ALL WEATHER

CLASS

HOURS (LST.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.1	.4	.3	.0	.0						.0	7.6
NNE	.0	.2	.4	.5	.2	.0						1.4	7.2
NE	.0	.4	1.3	3.4	6.0	.7	.0					0.1	14.3
ENE	.1	1.1	3.3	23.5	15.8	3.4	.1					52.4	15.0
E	.3	1.6	9.3	12.6	3.4	.0						27.3	12.0
ESE	.2	.7	2.6	1.7	.7	.0						5.0	9.7
SE	.1	.4	.7	.1	.1							1.5	7.7
SSE	.0	.2	.2	.1								.3	7.1
S	.1	.1	.4	.0								.4	7.2
SSW	.0	.1	.1	.0								.3	7.2
SW	.0	.1	.1	.0								.1	6.3
WSW	.0	.0	.0	.0								.1	6.3
W	.1	.0	.0	.0								.2	1.1
WNW	.0	.0	.0	.0								.1	7.9
NW	.0	.1	.0	.0								.1	7.1
NNW	.0	.0	.1	.0								.2	7.9
VARBL													
CALM												.7	
	1.1	1.4	24.1	42.3	21.7	4.1	.					100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

12 66

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

18

STATION 41606 NAME WAKE ISLAND INT APT W30 YEARS 46-47, 50-6 MONTH ALL

ALL WEATHER

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	.1	.4	.2	.0							.6	7.6
NNE	.0	.2	.4	.5	.2	.0						1.4	11.2
NE	.0	.4	1.8	3.4	3.0	.7	.0					6.3	14.3
ENE	.1	1.1	3.3	23.5	15.8	3.4	.1					52.4	15.0
E	.3	1.6	9.3	12.6	3.4	.7						27.3	12.0
ESE	.2	.9	2.6	1.7	.2	.0						5.6	9.7
SE	.1	.4	.7	.1	.0							1.5	7.7
SSE	.0	.2	.2	.1								.5	7.1
S	.1	.1	.2	.0								.4	7.7
SSW	.0	.1	.1	.0								.3	4.1
SW	.0	.1	.1	.0								.3	6.4
WSW	.0	.0	.0	.0								.1	6.5
W	.1	.0	.0	.0								.2	11.1
WNW	.0	.0	.0	.0								.1	7.9
NW	.0	.1	.0	.0								.1	11.1
NNW	.0	.0	.1	.0								.2	7.9
VARBL													
CALM												.7	
	1.1	5.4	24.1	42.3	21.1	4.3	.7					100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

1246

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 41606 MAKE ISLAND INT APT WBC STATION NAME 46-47, 50-65 YEARS MONTH ALL HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.1	.0	.3								.2	9.1
NNE	.0	.2	.3	.5	.1	.2						1.2	12.9
NE	.2	.9	2.0	3.2	1.3	.1						7.7	12.0
ENE	.5	2.4	9.0	20.5	11.6	1.7	.0					45.8	13.7
E	1.1	2.4	9.1	14.5	5.5	.5						33.1	12.3
ESE	.5	.9	2.1	2.1	.4	.0						6.0	9.9
SE	.4	.6	1.1	.5	.0							2.6	9.3
SSE	.1	.2	.5	.1								1.0	7.5
S	.1	.1	.4	.0								.6	7.3
SSW	.1	.1	.1	.0								.3	5.2
SW	.1	.2	.2	.0								.5	7.1
WSW	.0	.1	.1	.0								.1	7.0
W	.0		.0	.0								.2	9.0
WNW		.0	.0									.0	7.7
NW			.0									.0	.5
NNW	.0	.0	.0	.0								.1	.5
VARBL													
CALM													
	3.1	6.1	25.1	41.7	19.0	.4	.0					100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 12767

DATA PROCESSING DIVISION
ETAC, USAF
ASPEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT WDC STATION NAME 46-47, 50-60 YEARS MONTH ALL HOURS (L.S.T.) ALL

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.1	.1	.0								.3	5.7
NNE	.1	.3	.4	.2								1.0	7.9
NE	.3	1.0	2.4	1.5	.4	.0						5.7	9.6
ENE	.6	3.3	11.8	18.0	7.8	.0						36.4	11.3
E	1.4	3.7	14.1	12.9	1.7	.0	.0					33.8	10.3
ESE	.6	1.5	5.5	5.3	.3	.0						13.1	9.9
SE	.4	.9	1.3	1.1	.1							3.7	8.3
SSE	.1	.3	.5	.2								1.1	7.7
S	.3	.5	.8	.1								1.7	5.7
SSW	.1	.2	.2	.0								.6	4.1
SW	.1	.2	.1	.0								.1	3.6
WSW	.0	.1	.2	.0								.3	6.7
W	.1	.1	.1	.0								.3	5.6
WNW	.0	.0	.0									.1	5.9
NW	.0	.0	.0	.0								.1	6.8
NNW	.0	.1	.0									.3	5.1
VARBL													
CALM												1.1	
	4.3	12.4	37.6	29.3	5.2	.1	.0					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

1231

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT WFO STATION NAME 46-47, 50-64 YEARS MONTH JUL HOURS (L.S.T.) 111

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.4
NNE	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.4	1.4
NE	.2	.7	1.4	1.2	.7	.0	.0	.0	.0	.0	.0	3.7	9.7
ENE	.3	1.8	10.0	17.7	3.7	.1	.0	.0	.0	.0	.0	33.6	12.0
E	.4	3.1	14.6	16.6	3.7	.1	.0	.0	.0	.0	.0	36.5	10.9
ESE	.3	1.9	7.0	5.3	.5	.1	.0	.0	.0	.0	.0	15.1	10.1
SE	.3	1.1	2.7	.7	.1	.0	.0	.0	.0	.0	.0	5.0	6.2
SSE	.2	.5	1.0	.3	.0	.0	.0	.0	.0	.0	.0	2.1	7.8
S	.2	.5	.7	.2	.0	.0	.0	.0	.0	.0	.0	1.6	7.1
SSW	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.5	7.1
SW	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.6
WSW	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.5
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.4
WNW	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.6
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.7
VARBL													
CALM													
	2.1	10.2	38.1	42.2	6.3	.7	.6	.0	.0	.0	.0	100.0	10.7

TOTAL NUMBER OF OBSERVATIONS

12 96

DATA PROCESSING DIVISION
LTAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT 801 STATION NAME 46-47, 50-61 YEARS MONTH JUL HOURS (L.S.T.) 11

ALL PLASTER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.2	.1	.2		.0						.4	7.6
NNE	.1	.2	.3	.2	.0	.0						.6	8.9
NE	.2	.9	1.6	2.4	.4	.0						5.8	10.6
ENE	.3	2.5	3.8	15.9	2.4	.1						31.1	11.5
E	.4	4.0	14.4	14.1	2.1	.1	.0					25.2	10.7
ESE	.2	2.1	5.9	4.1	.7	.1			.1			13.1	10.1
SE	.3	1.5	3.2	.9	.1	.0		.1				6.1	8.2
SSE	.2	.7	1.1	.3	.1							2.4	7.8
S	.2	.5	.8	.2	.0							1.3	7.4
SSW	.1	.2	.3	.1	.0							.7	8.0
SW	.1	.1	.4	.1	.1	.0						.3	9.0
WSW	.1	.1	.1	.1	.0							.4	7.8
W	.0	.1	.0	.0								.1	8.4
WNW	.0	.0	.0									.1	5.6
NW	.1	.1	.0		.7							.2	4.5
NNW	.1	.1	.0	.0								.3	8.0
VARBL													
CALM												.7	
	2.5	13.4	33.5	38.1	5.9	.4	.0	.1	.1			100.0	10.4

TOTAL NUMBER OF OBSERVATIONS

12134

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT API 200 STATION NAME 46-47.50-64 YEARS SEP MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.4	.2	.0	.0	.0	.0					.0	5.1
NNE	.1	.3	.3	.2	.0	.0	.0					1.3	9.5
NE	.5	1.0	2.3	3.2	.3	.0	.0					7.6	10.2
ENE	.7	2.3	11.6	17.3	2.2	.0	.0					34.1	11.3
E	.8	3.2	11.5	12.7	2.0	.0						30.2	10.8
ESE	.3	1.5	5.2	3.9	.5	.1						11.5	10.1
SE	.5	1.2	2.2	.6	.1							4.6	7.6
SSE	.2	.5	.9	.3	.0							2.1	7.7
S	.4	.6	1.0	.4	.0							2.3	7.4
SSW	.1	.4	.4	.3	.0	.0						1.3	7.9
SW	.2	.3	.5	.1	.0							1.1	7.0
WSW	.1	.2	.2	.0	.0							.5	6.5
W	.2	.1	.0	.0								.3	3.8
WNW	.0	.0	.1	.0							.0	.1	9.7
NW	.1	.0	.1	.0		.0			.0	.0		.2	9.6
NNW	.2	.0	.1	.0					.0	.0		.3	7.3
VARBL													
CALM												1.7	
	4.6	12.1	36.9	39.0	5.2	.1	.1		.0	.0	.0	100.0	10.1

TOTAL NUMBER OF OBSERVATIONS

11831

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28901

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41606
STATION

WAKE ISLAND INT APT WMO
STATION NAME

46-47, 50-64
YEARS

OCT
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.2	.2	.1	.1	.0						.6	10.2
NNE	.0	.2	.5	.3	.1	.0	.0					1.3	10.0
NE	.2	.8	2.4	2.8	1.0	.1	.0					7.4	11.4
ENE	.3	1.7	7.9	16.0	7.0	.8	.0					33.8	13.2
E	.2	2.2	10.9	13.0	4.1	.6	.0					31.1	12.0
ESE	.3	1.6	5.9	4.3	.8	.1	.0					13.0	10.3
SE	.4	1.0	2.2	1.0	.1	.0						4.9	1.6
SSE	.1	.3	.7	.5	.2	.1						1.9	10.3
S	.2	.3	.5	.3	.1	.1	.0					1.5	9.6
SSW	.0	.2	.1	.1	.1	.1						.8	12.9
SW	.1	.2	.1	.1	.0							.4	7.8
WSW	.0	.1	.2	.1	.0							.4	9.7
W	.0	.1	.2	.1								.4	8.6
WNW	.0	.1	.1	.1	.0							.3	9.7
NW	.0	.1	.1	.0								.3	7.9
NNW	.0	.1	.1	.0	.0							.3	1.3
VARBL													
CALM												1.7	
	2.1	9.2	32.2	18.9	13.8	5.1	.1					100.0	11.6

TOTAL NUMBER OF OBSERVATIONS

12361

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

3

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41606

LAKE ISLAND INT APT WBC

46-47, 49-60

NCV

STATION NAME

YEARS

NORTH

ALL WEATHER

CLASS

ALL

HOURS (LST.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.5	.3	.1	.1							.8	5.6
NNE	.1	.5	.7	.5	.2	.0						2.3	9.7
NE	.3	1.3	3.6	4.0	.5	.2	.0					10.9	11.6
ENE	.4	1.4	7.1	17.9	13.2	3.4	.2	.0				42.6	14.7
E	.6	1.8	8.4	13.5	4.5	.7	.0					19.5	12.5
ESE	.3	.8	2.9	2.2	.4	.1						6.7	10.3
SE	.2	.7	.9	.3	.0							2.1	7.4
SSE	.2	.2	.4	.2	.0	.0						1.0	5.4
S	.1	.2	.4	.1	.1	.0						1.0	6.4
SSW	.1	.1	.3	.0								.5	6.6
SW	.0	.1	.1									.3	6.0
WSW	.0	.0	.0	.1								.2	5.2
W	.0	.1	.1	.1								.3	7.3
WNW	.0	.1	.0	.0								.2	5.3
NW	.0	.1	.1	.0								.2	5.7
NNW	.0	.0	.1	.1	.0							.3	6.8
VARBL													
CALM												1.1	
	2.5	8.0	25.4	19.2	20.1	3.5	.1	.0				100.0	12.6

TOTAL NUMBER OF OBSERVATIONS

12073

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28901

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41606
STATION

MAKE ISLAND INT API ALL
STATION NAME

46-47, 45-64
YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.5	.7	.0	.7	.1	.0					5.0	12.3
NNE	.1	.5	1.4	1.5	.7	.1						4.3	11.7
NE	.3	1.0	4.0	5.1	2.3	.6	.1					13.3	12.6
ENE	.2	1.5	7.5	16.1	8.1	1.6	.1					35.1	13.8
E	.3	1.7	8.1	10.4	9.2	.4						24.2	12.0
ESE	.2	1.1	3.6	2.9	.4	.0						5.1	11.1
SE	.3	.8	1.3	.3								2.6	7.3
SSE	.1	.2	.3	.2	.0							.9	1.3
S	.2	.4	.4	.1	.1	.0						1.3	7.9
SSW	.1	.2	.3	.1	.1	.0						.8	1.4
SW	.1	.1	.3	.3	.0							.9	9.7
WSW	.0	.1	.3	.1	.0							.0	8.8
W	.1	.3	.2	.0	.0	.0						.6	6.7
WNW	.1	.1	.2	.0	.0	.0						.5	7.1
NW	.1	.3	.3	.0	.0							.7	11.1
NNW	.1	.3	.2	.1	.0	.0		.0				.7	1.4
VARBL													
CALM												2.6	
	2.6	9.1	28.8	38.0	15.8	1.9	.2	.0				100.0	11.6

TOTAL NUMBER OF OBSERVATIONS

15062

DATA PROCESSING DIVISION
CTAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41606 LAKE ISLAND INT APT 180 46-47, 50-65 JAN
STATION NAME YEARS MONTH
0000-0200
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.5	1.5	1.2	.1							3.6	9.7
NNE	.4	.7	2.6	2.6	1.6	.1						8.2	11.8
NE	.4	1.0	4.1	6.7	3.3	1.0	.1					17.1	13.4
ENE	.3	2.1	6.3	12.8	4.8	2.7	.1	.1				29.1	13.7
E	.5	1.5	4.3	7.3	2.0	.4	.1					16.3	11.7
ESE	.4	.6	2.5	2.7	.3							6.5	10.2
SE	.2	.6	.5	.1								1.4	6.3
SSE	.1	.3	.8	.3								1.4	6.1
S	.5	.5	.7	.1								1.3	5.9
SSW	.2	.2	.5	.1								.7	3.4
SW	.2	.5	.9	.8	.1							2.5	8.9
WSW	.9	.9	1.0	.4	.1							2.4	7.9
W	.4	.3	.5	.2	.1							1.5	6.7
WNW	.1	.1	.1	.1	.1	.1						.6	13.7
NW	.1	.3	.3	.2	.1							1.0	10.3
NNW	.2	.5	.4	.3	.1							1.4	6.3
VARBL												4.5	
CALM	3.9	11.0	27.1	35.9	13.1	4.3	.	.1				100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

1547

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT RHC STATION NAME 46-47, 50-62 YEARS MONTH JAN MONTH 0300-0600 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.8	1.0	1.4	.4							4.1	9.7
NNE		.7	2.3	2.7	.3	.3	.1					6.3	1.2
NE	.3	1.3	4.6	7.2	4.1	.9	.1					19.1	13.2
ENE	.4	1.8	6.2	10.6	5.1	2.5	.2	.1				27.0	13.9
E	.3	.8	6.0	6.0	2.1	.5						15.6	12.1
ESE	.3	.9	2.7	2.2	.1							6.2	9.9
SE	.3	.5	1.2	.1								2.1	4.8
SSE	.2	.3	.5	.1								1.2	6.7
S	.5	.8	.3	.1								2.1	6.0
SSW	.1	.5	.5	.4								1.4	3.4
SW	.2	.3	.8	.5	.1							1.9	8.3
WSW	.1	.2	1.2	.6	.1							2.9	8.9
W	.1	.3	.8	.1	.1	.1						1.5	3.4
WNW	.1	.4		.2	.1	.1						1.0	10.7
NW	.1	.2	.3	.3	.2							1.6	10.4
NNW	.2	.7	.6	.1								1.7	6.6
VARBL													
CALM												1.1	
	3.4	11.2	30.2	32.6	12.7	4.3	.3	.1				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS

1541

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 MAKE ISLAND INT APT WRC STATION NAME YEARS 46-47, 50-60 MONTH JAN 0600-0800 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.8	1.6	1.1	.3	.1						4.3	9.5
NNE	.2	.7	1.3	2.1	.8	.2						5.9	11.4
NE	.2	1.1	3.9	7.7	3.3	1.0						17.2	13.4
ENE	.4	1.4	6.7	10.5	5.5	1.7	.2					26.4	13.7
E	.6	1.2	4.9	6.5	2.9	.4						16.6	12.4
ESE	.2	.9	2.3	3.1	.3	.1						6.9	10.7
SE	.2	.4	1.6	.4								2.4	5.3
SSE	.2	.3	.6	.1								1.2	7.0
S	.2	1.0	.1	.3								2.8	7.5
SSW	.1	.1	.3	.1								.6	7.1
SW	.3	.8	.6	.4								2.6	8.3
WSW	.2	.6	.7	.7	.1							2.2	9.7
W	.1	.4	.7	.2	.1							1.4	8.2
WNW		.1	.4	.4	.2	.1						1.2	12.6
NW	.3	.2	.4	.7	.1							1.4	7.3
NNW	.2	.7	.3	.4	.1							1.7	7.6
VARBL												5.1	
CALM	3.7	10.9	24.0	34.1	13.9	3.7	.3					100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

102

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28601

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 LAKE ISLAND INT API WBC STATION NAME 45-47,50-6 YEARS MONTH 0900-1100 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.4	1.6	1.0	.6							4.0	9.9
NNE	.2	1.1	1.1	2.0	.7							6.7	7.0
NE	.2	1.1	3.7	6.0	3.2	.7	.1					14.9	13.3
ENE	.2	1.0	7.3	12.4	4.7	2.2	.6					28.5	13.7
E	.3	1.1	5.6	7.2	2.2	.6						16.9	12.3
ESE	.1	.5	3.3	1.9	.4							6.7	10.7
SE	.2	.6	1.6	1.1								3.5	9.0
SSE	.2	.3	1.1	.6	.1							1.6	8.8
S	.1	.4	1.4	1.0								2.9	9.4
SSW		.3	.9	.7	.2							1.6	9.7
SW	.1	.4	.7	.6	.1							1.9	9.9
WSW	.1	.2	1.4	.6	.3	.1						2.6	9.6
W	.3	.4	.5	.2	.2	.1						1.6	9.7
WNW	.2	.5	.4	.1	.3	.1						1.5	9.3
NW	.2	.3	.3	.2	.1							1.3	7.7
NNW	.1	.1	.6	.4								1.1	9.2
VARBL													
CALM												2.6	
	2.6	9.8	32.5	34.9	13.3	1.7	.7					100.0	11.5

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION
LTAC, USAF
ASHVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41600 MAKE ISLAND INT APT VRS STATION NAME YEARS MONTH JAN 1900-1900 HOURS (LST.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.6	1.6	1.1	.1							3.4	10.0
NNE	.1	.3	2.4	2.3	.6	.1						6.5	11.0
NE	.4	1.3	5.0	5.2	3.2	.4	.1					16.1	12.3
ENE	.1	1.0	4.3	12.0	4.0	1.5	.1					28.0	13.4
E	.3	1.3	5.4	8.0	1.7	.4						17.1	13.8
ESE	.2	.7	2.7	2.2	.7	.1						6.6	10.7
SE	.2	.7	1.4	.6								2.9	7.9
SSE	.1	.1	.9	.7	.1							1.8	7.7
S	.1	.3	1.1	.9	.3							2.5	10.3
SSW	.1	.2	.8	.9								2.0	10.3
SW	.1	.1	.6	1.1	.2							2.1	11.2
WSW		.4	1.7	.6	.1							2.9	9.8
W		.2	.8	.5	.1	.1						1.9	10.6
WNW		.4	.9	.2	.4	.1						2.0	10.9
NW	.1	.2	.7	.3	.1							1.4	9.2
NNW	.1	.2	.4	.7	.1							1.5	10.7
VARBL													
CALM												.9	
	1.9	4.7	34.7	38.1	12.0	3.0	.7					100.0	11.7

TOTAL NUMBER OF OBSERVATIONS

1015

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT WDC STATION NAME 46-47, 20-61 YEARS MONTH JAN. 1500-1700 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.0	2.1	.0	.3	.1						4.4	9.8
NNE	.3	.7	2.9	2.4	1.1	.3						7.8	11.5
NE	.2	1.6	4.4	7.2	3.7	1.0						15.2	13.0
ENE	.1	1.6	7.2	10.7	4.9	1.7	.2					26.4	13.4
E	.5	1.3	5.2	4.5	1.4	.6						15.4	11.7
ESE	.2	1.1	3.5	1.5	.4							5.8	9.6
SE	.1	1.0	1.7	.4								3.2	7.9
SSE	.1	.4	.8	.2								1.5	3.1
S	.2	.2	1.2	.4								2.1	3.4
SSW	.1	.2	1.0	.9								2.1	4.7
SW	.1	.4	1.9	.6	.1	.1						3.2	9.8
WSW	.1	.4	1.0	.7	.2							2.6	10.7
W	.7	1.3	1.3	.2	.1							2.3	1.0
WNW	.1	.7	.7	.4	.2	.3						1.6	13.7
NW	.3	.3	.7	.4	.1							1.4	4.4
NNW	.3	.5	.5	.4	.1							1.3	9.8
VARBL													
CALM													
	2.2	11.1	35.2	33.0	14.7	4.1	.2					100.0	11.6

TOTAL NUMBER OF OBSERVATIONS

1001

DATA PROCESSING DIVISION
AFAC, USAF
ASHEVILLE, N. C. 28301

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 MAKE ISLAND INT APT ABC STATION NAME 40-47, 50-60 YEARS MONTH JAN MONTH 1-00-000 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.2	2.1	1.4	.3	.1						5.3	9.8
NNE	.2	.6	2.2	1.1	1.4	.5						7.2	12.2
NE	.2	1.0	5.1	5.0	3.9	1.0	.3					19.5	15.4
ENE	.2	1.1	6.7	11.1	5.3	2.3	.4					27.1	14.0
E	.2	2.2	4.0	6.2	2.1	.6						15.3	11.9
ESE	.1	.8	2.3	1.7	.2							5.0	9.7
SE	.1	.4	1.0	.1	.2							1.7	1.1
SSE	.2	.3	1.0	.1								1.6	7.5
S	.4	.3	.6	.4								2.2	6.7
SSW	.2	.2	.3	.3								1.5	7.3
SW	.1	.4	1.2	.3								2.5	9.1
WSW		.6	1.2	.3	.3							2.4	6.4
W		.5	.3	.2								1.4	.0
WNW		.6	.3	.3	.3	.1						2.2	11.8
NW	.1	.3	.4	.2		.1						1.1	1.4
NNW	.1	.5	.8	.3	.1							1.6	1.4
VARBL													
CALM												2.3	
	2.5	11.6	30.9	53.2	14.1	6.7	.6					100.0	11.7

TOTAL NUMBER OF OBSERVATIONS

646

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 LAKE ISLAND INT API HUL 46-47.50-65 JAN MONTH
2100-1300 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.7	1.6	1.9	.5							5.2	10.2
NNE	.1	.3	2.6	2.4	1.4	.3						7.1	12.2
NE	.5	1.6	4.3	7.1	3.9	.9	.1	.1				18.4	13.1
ENE	.2	1.0	7.1	12.9	6.3	2.2	.4	.1				20.1	14.1
E	.4	1.9	3.6	6.1	3.1	.6						14.8	12.0
ESE	.1	.7	2.0	1.7	.3							4.7	10.1
SE	.4	.1	1.0	.1	.2							1.9	7.8
SSE		.3	.5	.1								1.0	7.5
S	.1	.6	.5	.1								1.6	7.3
SSW	.1	1.0	.5	.1								1.7	6.5
SW	.1	.9	.6	.5	.1							2.3	8.4
WSW	.1	.6	1.2	.5	.1							2.6	8.4
W		.6	.1	.1	.1							.5	7.2
WNW		.4	.3	.1	.2	.1						1.0	11.8
NW	.3	.4	.3	.4	.1	.1						1.5	7.2
NNW		.3	.4	.6	.1							1.3	11.1
VARBL													
CALM												9.9	
	2.7	11.6	27.2	34.6	15.3	4.1	.5	.1				100.0	11.6

TOTAL NUMBER OF OBSERVATIONS

1045

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT API ABC STATION NAME YEARS 46-47, 50-60 MONTH FEB 0000-0000 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.4	1.0	1.3	.4							3.5	10.2
NNE		.7	1.6	2.1	.5	.2						5.5	11.9
NE	.2	1.3	3.1	8.2	4.1	.6	.1					17.6	13.6
ENE	.1	1.5	5.5	14.8	8.4	1.3	.1					31.8	14.0
E	.5	2.5	7.1	8.0	1.8	.4						20.3	11.0
ESE		.6	2.6	2.4	.5							6.2	10.8
SE	.2	.9	1.4	.4								3.0	7.9
SSE	.1	.3	.6	.3								1.2	8.4
S	.3	.6	.7	.1								1.6	6.2
SSW	.1	.6	.2	.1								1.1	6.6
SW	.2	.6	.3	.1	.2							1.5	7.5
WSW		.1	.4	.2								.9	6.7
W		.3	.4	.1								.8	8.2
WNW		.2	.2	.2								.6	8.2
NW	.1	.3	.4	.1								.3	6.7
NNW	.1	.2	.2		.1							.6	7.1
VARBL													
CALM	2.1	11.3	26.1	38.5	19.3	2.5	.1					100.0	11.7

TOTAL NUMBER OF OBSERVATIONS

1412

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41006 STATION

WAKE ISLAND INT APT WDC

STATION NAME

46-47.50-64

YEARS

FEB

MONTH

0300-0500
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7	.8	1.3	.1							3.3	1.3
NNE	.1	.9	1.7	2.3	.7	.1	.1					5.8	11.7
NE	.1	1.1	3.6	8.2	3.6	.6	.1					17.6	13.7
ENE	.1	1.1	6.1	14.6	6.7	1.6	.1					30.4	13.9
E	.4	1.9	8.2	6.7	2.2	.1						19.7	10.9
ESE	.1	.7	3.3	2.5	.5							7.0	10.4
SE	.1	.6	1.4	.3								2.5	7.5
SSE	.1	.2	.9	.2								1.6	9.1
S	.4	1.1	.6	.1								2.3	3.8
SSW	.1	.2	.1	.1		.1						.6	8.8
SW	.1	.5	.9	.3	.1							1.6	9.1
WSW	.1		.6	.1								.9	5.2
W		.2	.6	.2								1.1	9.0
WNW		.1	.6	.3								1.0	9.7
NW	.1	.4	.1									.7	7.1
NNW	.2	.1	.1	.1								.3	5.4
VARBL													
CALM												3.1	
	2.2	10.0	29.7	33.0	14.1	7.5	.4					100.0	11.6

TOTAL NUMBER OF OBSERVATIONS

402

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT API BRG 46-47, 50-61 MONTH 0600-0800 HOURS (L.S.T.)

ALL WEATHER CLASS CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.5	.7	.9	.3							2.9	9.5
NNE	.2	.6	1.8	1.5	.6	.3						5.2	11.4
NE	.3	1.3	3.6	9.0	3.4	.7						17.3	13.2
ENE	.1	1.2	6.7	14.6	5.9	1.7	.3					30.5	13.9
E	.5	1.8	6.4	6.7	1.6	.1						17.2	10.9
ESE	.2	.9	3.4	3.3	.8	.1						8.7	11.0
SE	.1	.3	1.5	.4								2.4	8.0
SSE	.3	.4	.6	.3								1.7	7.1
S	.4	1.1	1.5									3.0	6.5
SSW	.1	.1		.1								.3	7.0
SW	.2	.5	.7	.2								1.6	7.3
WSW		.6	.9	.2								1.7	7.6
W	.2	.7	.8	.1								1.7	8.4
WNW		.1	.3									.3	7.6
NW	.3	.1	.2	.1								.7	8.0
NNW		.3	.3	.4								1.0	9.4
VARBL													
CALM												1.9	
	3.4	10.7	29.3	36.8	12.7	7.5	.3					100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 1463

3
DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41606
STATION

WAKE ISLAND INT APT WAC

STATION NAME

46-47, 50-65

YEARS

FEB

MONTH

0900-1100

HOURS (LST.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.4	.3	1.0	.3							2.7	10.6
NNE		.5	1.5	1.3	.7	.1						4.6	12.1
NE	.4	1.2	3.5	6.9	3.0	.9						15.8	13.3
ENE	.1	1.5	5.6	14.2	6.3	1.7	.2					29.4	13.9
E	.4	1.6	7.8	7.8	2.3	.3						20.3	17.5
ESE	.2	1.1	4.6	3.3	.5							9.8	10.2
SE	.3	.5	1.7	.7								3.2	8.3
SSE	.1	.6	.4	.2								1.2	9.0
S	.2	.5	1.2	.5								2.4	8.3
SSW	.1	.3	.7	.3								1.4	8.0
SW	.3	.3	1.1	.1	.1							1.9	7.8
WSW	.1	.1	.5	.2	.1							1.1	8.8
W	.4	.6	1.3	.1	.1							2.3	7.0
WNW		.3	.3	.2	.1							.9	9.5
NW		.1	.1									.3	6.3
NNW			.1	.3								.5	11.7
VARBL													
CALM												1.6	
	2.9	9.6	31.3	38.3	13.6	7.5	.1					100.0	11.7

TOTAL NUMBER OF OBSERVATIONS

1455

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 NAME WAKE ISLAND INT APT WFO YEARS 46-47, 50-65 FEE NORTH
CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.2	.9	1.0	.5							1.7	11.4
NNE	.1	.0	1.2	2.7	.7			.1				5.5	11.7
NE	.3	1.0	4.0	5.9	3.4	1.4	.1					16.2	13.6
ENE	.2	1.4	7.3	13.4	5.7	1.0	.1					29.1	13.0
E	.2	1.4	7.6	8.1	1.9	.3	.1					19.5	11.6
ESE	.4	1.0	5.3	2.0	.5							9.4	9.6
SE	.4	.8	2.0	.8								4.0	5.0
SSE	.1	.4	.5	.3								1.6	3.5
S	.1	.3	.5	.9								1.7	9.6
SSW	.1	.2	.8	.4								1.4	9.0
SW	.2	.3	1.0	.3								1.9	8.1
WSW		.1	.4	.2	.1							.8	11.6
W		.1	.9	.4	.1							1.8	9.4
WNW	.1	.5	.6	.4	.1							1.7	9.3
NW		.1	.5	.1								.7	8.6
NNW		.1	.5	.4	.1							1.1	10.5
VARBL													
CALM												.7	
	2.4	9.2	34.1	37.4	13.2	1.7	.3	.1				100.0	11.6

TOTAL NUMBER OF OBSERVATIONS

1464

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28901

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41606
STATION

MAKE ISLAND INT APT W6C
STATION NAME

46-47, 50-65
YEARS

FEB
MONTH

1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.3	1.0	1.0	.6							3.3	10.9
NNE	.3	.4	1.5	3.3	1.0	.1	.1					6.8	12.5
NE	.1	1.3	5.6	6.3	3.1	.9	.1					17.4	13.0
ENE	.1	1.9	7.2	15.1	5.8	.7						30.8	13.0
E	.5	1.2	6.9	7.0	1.5	.3						17.3	11.2
ESE	.3	1.7	4.0	2.2	.2							8.4	9.1
SE	.4	.6	2.0	.3								3.3	7.4
SSE	.2	.3	1.1	.1								1.7	7.2
S	.1	.7	.4	.3								1.7	7.6
SSW		.3	.4	.3								1.0	9.1
SW		.6	.5	.1								1.3	7.2
WSW	.1	.2	1.0	.5								1.9	8.6
W	.1	.2	1.0	.2								1.5	8.6
WNW		.2	.8	.4								1.5	8.7
NW		.2	.1	.4	.1							.8	10.3
NNW		.3	.3	.3								.4	9.1
VARBL													
CALM												.4	
	2.7	10.6	33.9	37.9	12.1	1.0	.2					100.0	11.4

TOTAL NUMBER OF OBSERVATIONS

437

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 29801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT WDC STATION NAME 46-47, 50-60 YEARS NORTH 1300-1000 HOURS (LST.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.5	.8	1.1	.1							2.7	10.4
NNE	.4	.6	1.7	2.8	1.2	.4	.1					7.2	12.7
NE	.3	.7	4.5	8.3	4.0	1.3	.1					17.3	14.0
ENE	.1	1.1	6.9	15.5	8.1	1.0	.1					32.8	13.8
E	.3	1.6	7.0	7.0	1.7	.2						17.9	10.9
ESE	.4	.9	2.8	2.9	.1							7.1	9.7
SE	.2	1.2	1.1	.3								2.8	5.9
SSE	.1	.3	.7	.1								1.3	7.2
S	.2	.6	.7									1.6	6.1
SSW		.1	.2	.1								.4	6.4
SW	.1	.4	.3	.1								1.0	7.0
WSW		.2	.5									.7	7.5
W		.5	1.2	.1								1.8	8.1
WNW	.2	.3	.3	.1								.6	6.0
NW	.3	.6	.4	.2								1.6	6.4
NNW	.1	.6	.2	.6	.1							1.5	8.9
VARBL													
CALM													
	2.8	10.3	29.3	37.3	15.3	2.9	.4					100.0	11.7

TOTAL NUMBER OF OBSERVATIONS

1412

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION
41606

LAKE ISLAND INT APT ABC

STATION NAME

46-47, 50-61

YEARS

ALL WEATHER

CLASS

FFF

MONTH

2100-2300

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.6	.6	1.1	.1							2.5	10.4
NNE	.4	.6	1.6	2.2	1.3	.1						6.2	12.3
NE	.2	.7	3.7	6.7	5.2	1.0						17.6	14.3
ENE	.1	1.3	7.1	17.0	8.7	1.3						35.5	13.8
E	.4	1.3	6.4	6.7	2.3	.1						17.6	11.2
ESE	.1	.6	2.3	2.4	.5							5.9	10.9
SE	.1	1.0	1.6	.1								2.9	7.2
SSE	.1	.4	.3	.1								.9	6.5
S	.4	.5	.6	.1								1.6	6.3
SSW	.1	.4	.3									.3	9.2
SW	.5	.3	.3	.2								1.0	7.7
WSW	.1	.4	.4									.3	6.5
W	.1	.3	.5	.4								1.0	7.3
WNW	.1	.2	.5	.2								1.0	7.9
NW	.1	.1	.4	.1								.7	7.9
NNW	.1	.4	.4	.6								1.4	9.1
VARBL													
CALM												2.5	
	2.1	9.8	26.9	37.9	18.2	1.3						100.0	11.9

TOTAL NUMBER OF OBSERVATIONS

1412

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

3

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41606 WAKE ISLAND INT APT FRC

46-47, 50-65

1950

STATION NAME

YEARS

NORTH

ALL WEATHER

0000-0200

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.0	.6								1.3	10.6
NNE	.1	.4	.5	.2	.1	.1						2.2	10.4
NE	.2	.8	2.6	6.4	5.4	.8						14.2	13.9
ENE	.4	1.5	7.4	18.0	7.7	2.1	.5					37.5	14.1
E	1.0	1.9	7.4	10.1	4.1	.5	.1					35.0	12.2
ESE	.5	.9	2.8	3.5	.6	.2	.1					8.6	11.3
SE	.3	.6	1.1	.4								2.6	7.2
SSE	.1	.2	.5	.6								1.6	9.8
S	.3	.3	.6	.1								1.3	6.4
SSW	.1	.3	.4									.6	5.4
SW		.1	.1	.2								.2	6.2
WSW		.3	.3	.2	.1							.9	1.1
W		.2	.1									.4	3.7
WNW		.1	.2									.1	7.8
NW		.3	.2									.5	7.0
NNW		.3	.3	.1								.6	7.7
VARBL													
CALM												1.5	
	2.9	8.9	21.7	40.7	16.0	3.6	.7					100.0	12.3

TOTAL NUMBER OF OBSERVATIONS

1950

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT WBL STATION NAME 41-47, 30-50 YEARS MONTH MAY
CLASS ALL LEATHER HOURS (L.S.T.) 0300-0900

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.3	.6	.7	.3							1.9	12.0
NNE	.1	.3	.7	.4	.2	.1						2.3	11.2
NE	.2	1.2	3.3	5.4	3.6	1.0						4.5	12.8
ENE	.3	1.1	7.3	17.3	6.3	1.9	.7					35.0	14.2
E	.7	1.7	7.0	10.3	5.2	.4	.2					23.6	12.2
ESE	.5	1.2	3.4	3.6	.6	.1						9.4	10.7
SE	.5	1.0	1.9	.7	.1							4.3	8.0
SSE	.2	.6	.8	.2								1.7	7.3
S	.2	.3	.7	.1	.1							1.4	7.2
SSW	.1	.1	.4	.1								.6	7.5
SW	.1	.3	.2	.1								1.0	6.1
WSW	.1	.4	.3	.1	.1							1.0	5.5
W	.1	.1	.1	.1								.3	4.2
WNW		.3	.1									.3	5.8
NW		.1	.1	.1								.3	7.6
NNW		.1	.4									.5	7.7
VARBL													
CALM												2.0	
	3.2	9.3	27.1	39.4	14.6	2.5	.9					100.0	12.2

TOTAL NUMBER OF OBSERVATIONS

1500

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28501

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41606
STATION

LAKE ISLAND IN API 800

STATION NAME

YEARS

46-47, 50-65

WIND

MONTH

0600-0900

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	.4	.2	.1							1.1	9.8
NNE	.1	.2	.7	1.4	.7	.1						3.0	13.0
NE	.2	.3	2.7	4.7	2.3	.9						11.3	13.6
ENE	.2	.1	7.3	17.5	7.3	3.4	.2					36.3	14.0
E	.2	1.7	6.7	11.6	3.5	.3	.2					24.9	12.3
ESE	.4	.3	3.4	2.9	.9	.2	.1	.1				8.7	11.4
SE	.7	1.1	1.7	.7	.1							4.4	7.5
SSE	.3	.5	.9	.3	.1							2.3	7.5
S	.1	.9	.2	.2								1.1	6.8
SSW	.2	.3	.7	.1								1.3	7.3
SW	.1	.2	.1									.4	5.7
WSW	.1	.4	.5	.1								1.1	5.9
W	.1	.2	.1	.1								.3	7.3
WNW		.1	.1									.2	7.3
NW	.2	.3	.2	.1								.7	6.3
NNW		.1	.4	.2								.6	9.0
VARBL													
CALM												1.3	
	3.5	8.6	26.4	40.4	14.4	3.9	.6	.1				100.0	12.1

TOTAL NUMBER OF OBSERVATIONS

507

DATA PROCESSING DIVISION
LTAC, USAF
ASHEVILLE, N. C. 28201

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT AND STATION NAME
MONTH YEARS
A 66-67, 68-69
0900-1800 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.1	.2	.4	.1	.2						1.0	11.1
NNE	.1	.2	.5	1.1	.3	.2						2.6	13.5
NE	.4	1.2	2.9	4.8	2.7	.7						12.7	13.1
ENE	.2	.7	7.5	16.0	8.1	2.1	.2	.1				14.0	14.2
E	.5	1.1	7.5	10.4	3.3	.4	.4					24.4	12.7
ESE	.4	1.2	4.0	4.0	.6		.2					10.5	10.8
SE	.4	1.1	3.2	1.1								5.7	5.4
SSE		.5	.9	.5	.1							2.0	1.3
S		.1	.4	.1	.1							.7	3.3
SSW			.5	.2								.7	3.3
SW		.2	.6									.9	7.5
WSW		.2	.7	.4								1.2	8.5
W	.1	.4	.2	.1								.9	7.1
WNW		.1	.2	.1								.4	7.3
NW	.1	.1	.1	.1								.4	7.0
NNW		.1	.1									.2	3.0
VARBL													
CALM												.5	
	2.2	7.4	29.9	39.5	15.9	3.4	.8	.2				100.0	12.4

TOTAL NUMBER OF OBSERVATIONS

1508

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT API WDC STATION NAME 40-47, 50-61 MONTH MAY 1200-1400 HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.2	.5	.3	.1							1.1	9.7
NNE		.4	1.2	.9	.4	.1						3.1	11.8
NE	.2	1.4	3.6	4.8	3.2	.6	.1					13.0	12.6
ENE	.1	1.4	6.8	17.9	7.4	1.5	.6					35.7	14.0
E	.5	1.4	8.8	9.2	1.6	.3	.1					22.9	11.7
ESE	.2	1.0	4.9	3.0	.6	.1	.2					10.1	10.7
SE	.2	1.5	3.4	.7	.1							5.8	9.3
SSE	.1	.4	.9	.5	.1							2.0	9.3
S	.1	.1	.2	.1	.1							.6	9.4
SSW		.1	.6	.6	.1							1.3	10.7
SW		.1	.4	.1								.6	7.9
WSW		.3	.7	.6								1.7	9.3
W		.1	.2	.2								.5	8.7
WNW		.1	.1	.1								.2	7.5
NW	.1	.1	.2									.4	6.7
NNW		.1	.2	.2								.0	9.4
VARBL													
CALM												.4	
	1.4	8.9	32.8	19.2	13.7	2.6	1.0					100.0	12.1

TOTAL NUMBER OF OBSERVATIONS

111

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT PRE 46-47, 50-61
STATION NAME YEARS
ALL WEATHER
CLASS
NORTH
1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.3	.7	.2	.2							.7	4.3
NNE	.3	.6	1.5	.6	.5		.1					4.0	10.0
NE	.4	1.1	2.6	4.9	2.7	.7	.1					12.6	13.2
ENE	.1	1.7	7.5	18.4	7.8	1.6	.4	.1				37.6	13.9
E	.6	2.0	7.4	7.8	3.1	.3		.1				21.4	11.6
ESE	.1	.9	5.6	3.0	.7	.1	.1					9.4	10.3
SE	.4	1.1	2.2	.6								4.5	7.9
SSE	.1	.4	.6	.3								1.5	7.8
S	.1	.2	.8	.1								1.2	6.1
SSW	.1	.3	.4	.4								1.1	9.2
SW	.1	.1	.4	.1								.7	7.5
WSW		.2	.5	.4								1.1	9.8
W	.1		.5	.1								.6	3.4
WNW			.1	.2								.4	11.8
NW		.2	.4	.2								.7	5.2
NNW	.1		.6	.3								.9	9.6
VARBL													
CALM												.4	
	2.5	9.5	32.0	37.0	15.0	1.7	.6	.2				100.0	12.0

TOTAL NUMBER OF OBSERVATIONS 1573

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT WFO STATION NAME 46-47, 50-65 YEARS MONTH 1 APR 1300-2000 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.4	.7	.5	.3							1.9	9.7
NNE	.4	.6	1.5	.3	.5		.1					3.9	9.8
NE	.3	1.2	3.4	6.6	2.6	1.0	.1					15.3	13.2
ENE	.4	1.3	7.2	18.3	9.5	7.5	.6					39.6	14.5
E	.5	2.4	7.4	7.6	3.0	.3	.2	.1				21.4	11.8
ESE	.1	1.7	3.2	2.3	.8		.1					7.1	10.0
SE	.2	.7	1.2	.3	.1							2.7	7.3
SSE	.1	.5	.3	.1	.1							1.2	7.9
S	.1	.1	.6									.5	7.5
SSW	.3	.1	.3	.1								.8	9.8
SW	.1		.4	.1								.5	9.6
WSW	.3	.1	.6	.3								1.2	8.2
W	.1	.1	.7									.8	10.0
WNW		.1	.1									.2	7.0
NW	.1	.2	.1									.4	5.7
NNW		.2	.3	.1								.7	7.9
VARBL													
CALM												1.4	
	3.0	9.6	29.1	56.3	16.8	3.7	1.0	.1				100.0	12.3

TOTAL NUMBER OF OBSERVATIONS

1550

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT WEO STATION NAME 46-47.50-65 YEARS MONTH 2100-300 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.2	.5	.5	.1							1.4	9.6
NNE		.3	1.1	.7	.3	.1						2.5	10.9
NE	.3	.8	2.5	7.5	3.0	1.2	.3					15.5	14.3
ENE	.3	1.9	2.3	17.1	9.9	1.9	.5	.1				39.9	14.0
E	.5	2.3	5.9	9.0	4.2	.5	.1	.1				22.6	12.5
ESE	.3	1.0	2.9	2.3	.7	.2		.1				7.5	11.2
SE	.1	.6	1.5	.5		.1						2.8	8.7
SSE		.5	.5	.1								1.0	7.3
S	.2	.5	.3	.1								1.1	5.9
SSW	.3	.2	.1									.6	5.3
SW		.3	.3	.1								.6	7.4
WSW	.1	.2	.4	.1	.2							.9	8.6
W	.1	.4	.1	.1								.7	7.8
WNW			.1									.1	9.0
NW	.1	.3	.3									.6	8.6
NNW	.1	.2	.3	.1								.6	7.5
VARBL													
CALM												1.4	
	2.4	9.7	24.9	38.3	18.2	4.0	.9	.2				100.0	12.6

TOTAL NUMBER OF OBSERVATIONS

1590

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41606
STATION

WAKE ISLAND INT APT WDC
STATION NAME

46-47, 50-60

YEARS

APR

MONTH

0000-0000

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.1	.3	.1	.1							.6	9.7
NNE	.1	.2	.3	.1								.7	7.7
NE		.4	1.5	2.3	1.4	.3						5.9	13.6
ENE		.8	8.0	25.0	17.1	3.0	.1					54.0	15.0
E	.6	1.4	10.1	13.6	4.3	.3						30.4	12.3
ESE	.2	1.0	2.0	1.4	.1							4.6	9.2
SE	.1	.3	.7	.2	.1							1.4	8.0
SSE	.1	.2	.1	.1								.5	6.0
S			.1									.1	8.0
SSW		.1										.1	8.0
SW	.1	.3	.2									.1	8.0
WSW		.1										.4	5.0
W												.1	4.0
WNW			.1									.1	9.0
NW	.1											.1	8.0
NNW			.1									.1	7.5
VARBL													
CALM												1.0	
	1.3	4.9	23.4	42.8	23.1	3.5	.1					100.0	13.4

TOTAL NUMBER OF OBSERVATIONS

1518

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41606
STATION

LAKE ISLAND INT API WBC

46-47.50-50
YEARS

APR

0300-0500
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.5	.2								.9	9.5
NNE		.3	.2	.3								.7	8.6
NE	.1	.3	2.4	3.0	2.2	.5						8.4	13.9
ENE		.9	8.1	20.6	16.8	2.4	.1					48.9	15.0
E	.3	2.1	9.5	13.9	3.6	.2						29.6	11.9
ESE	.4	.9	3.0	2.1	.3							6.7	9.8
SE	.2	.3	1.0	.1	.1							1.6	7.8
SSE		.2	.2	.1								.5	8.4
S	.1	.2	.2									.5	5.9
SSW	.1	.1	.1									.3	4.8
SW	.1		.2									.3	6.5
WSW													
W	.2	.1		.1								.3	5.2
WNW		.1										.1	4.0
NW													
NNW		.1	.3									.4	6.5
VARBL													
CALM												.9	
	1.4	5.7	25.6	40.3	23.0	3.1	.1					100.0	13.1

TOTAL NUMBER OF OBSERVATIONS

1007

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41806
STATION

WAKE ISLAND INT APT WDC

STATION NAME

46-47, 50-60

YEARS

APR

MONTH

0600-0900

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.1	.7	.3								1.1	9.1
NNE		.2	.4	.3	.1							1.0	10.5
NE		.5	1.7	3.1	6.1	1.1	.1					8.6	14.7
ENE	.1	1.5	8.0	23.1	15.8	1.5	.1					51.1	14.7
E	.4	1.7	8.6	11.6	3.2	.4						26.0	12.0
ESE	.4	.9	3.3	1.9	.6							7.1	9.9
SE	.1	.5	1.0	.3	.1							1.9	6.4
SSE		.1	.2	.1								.4	4.0
S	.1	.1	.4									.6	6.7
SSW	.1	.3	.1									.4	5.5
SW		.1	.1									.2	6.7
WSW	.1	.1										.2	5.0
W	.2											.2	2.7
WNW													
NW													
NNW		.3	.1	.1								.4	6.7
VARBL													
CALM												.5	
	1.5	6.3	24.7	40.6	21.9	4.6	.1					100.0	13.1

TOTAL NUMBER OF OBSERVATIONS

156

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT API REC 46-47,50-68 YEARS MONTH APR 0900-1100 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	.4	.2	.1							1.0	5.6
NNE		.3	.5	.4	.3	.1						1.5	12.5
NE		.4	1.7	2.9	1.7	1.2	.1					7.8	14.9
ENE	.1	.8	8.1	22.8	13.5	3.2	.1					48.6	15.0
E	.4	1.6	9.6	13.5	4.2	.3						19.7	12.1
ESE	.1	1.0	3.2	2.2	.2							6.8	9.9
SE	.2	.2	1.0	.3								1.7	6.5
SSE		.6	.3	.1								1.0	6.9
S		.2	.1									.3	6.4
SSW		.3	.2									.4	7.1
SW			.1									.1	
WSW			.1									.1	9.0
W	.1	.1	.1									.2	6.0
WNW	.1											.1	3.0
NW		.3	.1									.3	3.0
NNW			.1									.1	9.0
VARBL													
CALM	1.0	5.9	25.4	42.4	19.9	4.8	.3					100.0	13.3

TOTAL NUMBER OF OBSERVATIONS

160

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41606
STATION

LAKE ISLAND INT API REC
STATION NAME

46-47.50-6

YEARS

APR

MONTH

1200-400

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.1	.3	.3								.7	9.8
NNE	.1	.3	.4	.6	.2							1.7	11.1
NE		.6	2.0	3.3	2.5	.6						9.2	14.4
ENE		1.2	7.6	22.7	14.5	3.5	.1					29.8	15.0
E	.3	1.9	10.1	13.2	3.1	.1						28.7	11.3
ESE		.8	2.8	1.7	.3							5.6	10.0
SE	.1	.5	.6	.3								1.5	7.7
SSE		.1	.4	.1								.3	7.5
S		.1	.2	.3								.5	9.3
SSW	.1	.2	.1	.1								.4	7.0
SW			.2									.2	8.3
WSW				.1								.1	11.0
W		.1	.1	.1								.3	9.3
WNW													
NW			.1	.1								.1	11.5
NNW			.1	.1								.2	11.3
VARBL													
CALM												.5	
	.6	5.9	24.8	43.0	20.7	4.5	.1					100.0	13.3

TOTAL NUMBER OF OBSERVATIONS

57

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT WML 46-47, 50-65 YEARS MONTH APR 1960-1700 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1	.3	.3								.7	7.5
NNE	.1	.1	.6	.7	.5	.1						2.0	12.4
NE	.1	.5	1.9	4.3	4.5	.6						9.9	14.1
ENE	.3	1.4	2.3	24.9	13.9	3.3	.1					52.6	14.8
E	.2	1.0	9.5	11.1	2.7	.1						25.1	11.8
ESE	.1	.8	2.2	1.8	.3							5.3	10.2
SE	.1	.7	.5	.1								1.3	6.9
SSE		.1	.3	.1								.5	9.4
S	.3	.2	.3	.1								.8	6.4
SSW			.1	.1								.1	10.0
SW	.1	.1	.2									.4	6.8
WSW	.1	.1		.1								.2	5.3
W	.1		.1									.2	7.7
WNW		.1	.1	.1								.3	9.8
NW		.1										.1	4.5
NNW			.1									.1	10.0
VARBL													
CALM												.3	
	1.2	5.9	24.3	43.7	19.9	4.5	.1					100.0	13.3

TOTAL NUMBER OF OBSERVATIONS

1541

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28201

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41606
STATION

WAKE ISLAND INT APT WDC

STATION NAME

46-47.50-62

YEARS

APR

MONTH

1000-2000

HOURS (LST.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.1	.3	.3								.7	9.5
NNE		.1	.5	.7	.4							1.2	12.0
NE	.1	.1	1.7	3.9	2.0	.3	.1					3.4	14.4
ENE	.1	1.6	10.3	24.3	16.8	4.3	.2					37.3	14.8
E	.1	.7	7.0	12.1	2.2	.3						33.0	12.4
ESE	.5	.9	2.3	.9	.1							4.7	5.7
SE	.1	.7	.4									1.2	6.1
SSE	.1	.1	.1									.3	4.8
S	.3		.1	.1								.4	5.2
SSW		.1	.1									.2	6.3
SW	.1	.2										.3	4.3
WSW		.1	.1									.2	5.7
W		.1										.1	4.0
WNW			.2									.2	5.0
NW		.1										.1	6.0
NNW	.1		.1	.1								.2	9.0
VARBL													
CALM												.7	
	1.3	5.0	23.9	42.3	21.4	5.1	.3					100.0	13.5

TOTAL NUMBER OF OBSERVATIONS

1322

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT ABC STATION NAME 46-47,50-61 YEARS MONTH APR 2100-2300 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N			.1	.3	.1							.5	13.7
NNE		.1	.7	.5	.1							1.4	10.5
NE	.1	.1	1.6	4.0	1.8	.4	.1					7.6	14.4
ENE	.1	.1	7.6	24.9	18.2	4.9	.6					56.8	15.4
E	.1	1.5	8.9	11.1	3.4	.7						26.1	12.1
ESE	.1	.9	1.9	1.6								4.3	9.5
SE	.1	.2	.5	.2								1.1	7.4
SSE	.1	.2										.3	4.0
S	.1			.1								.1	7.0
SSW	.1											.1	3.0
SW	.1	.1		.1								.3	3.8
WSW		.1										.1	6.0
W													
WNW													
NW		.1	.1									.1	7.5
NNW			.1									.1	6.0
VARBL													
CALM												1.1	
	.9	4.1	20.9	43.2	23.6	5.8	.3					100.0	11.8

TOTAL NUMBER OF OBSERVATIONS

1500

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 29401

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT API ALC STATION NAME 46-47, 00-00 MONTH MAY 0000-0100 HOURS (LST.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N				.2								.1	1.0
NNE			.2	.2	.1							.1	1.0
NE	.5	.2	1.0	2.0	1.3							.1	1.0
ENE	1.0	2.5	3.6	19.2	12.9	1.5						45.6	13.9
E	1.0	2.5	3.3	15.2	7.1	.6						34.5	11.7
ESE	.6	.2	1.0	2.0	.5	.1						6.5	10.3
SE	.7	.2	1.2	.1								1.7	8.4
SSE	.4	.1	.4	.1								1.0	8.1
S	.1	.3	.6									.9	7.0
SSW			.1									.1	9.0
SW	.1	.4	.2									.6	8.2
WSW	.1											.1	7.0
W													
WNW													
NW													
NNW													
VARBL													
CALM												.0	
	4.5	7.3	23.6	39.9	21.9	1.1						100.0	14.6

TOTAL NUMBER OF OBSERVATIONS

104

1. DIVISION
2. DATE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME KALE ISLAND INT APT ABC YEARS 66-67 MONTH JULY
CLASS ALL WEATHER HOURS (LST) 0000-2400

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N				.1								.1	1.0
NNE			.3	.2	.1							.7	12.3
NE	.6	.6	1.8	2.0	1.3							.7	12.3
ENE	1.0	2.5	8.6	19.2	12.9	1.7						45.6	13.9
E	1.0	2.5	8.3	15.0	7.1	.6						34.5	12.7
ESE	.6	.8	1.9	2.6	.5	.1						6.5	10.3
SE	.7	.2	1.2	.8								.8	8.4
SSE	.4	.1	.4	.1								1.0	8.1
S	.1	.3	.6									.9	7.0
SSW			.1									.1	9.0
SW	.1	.4	.2									.6	8.8
WSW	.1											.1	8.0
W													
WNW													
NW													
NNW													
VARBL													
CALM												.6	
	4.5	7.3	23.6	39.9	21.9	1.1						100.0	12.6

TOTAL NUMBER OF OBSERVATIONS

1014

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 41606 LAKE ISLAND INT API PRI STATION NAME YEARS MONTH MAY
CLASS ALL WEATHER 44-47, 50-60 MONTH 0100-0900
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.1	.1	.1								.3	7.3
NNE	.1	.3	.2	.3	.1							.9	8.9
NE	.3	.7	2.0	3.1	1.6							7.6	12.0
ENE	.7	3.5	7.6	21.0	9.4	1.6						43.8	13.4
E	2.2	2.1	8.1	14.6	6.2	.8						33.8	12.3
ESE	.6	.6	2.5	2.0	.7	.1						6.3	10.4
SE	.6	.4	.3	.8	.2							2.2	9.3
SSE	.4	.3	.6	.3								1.6	6.9
S	.1	.3	.2	.1								.6	6.9
SSW		.1	.4									.3	7.2
SW	.1	.4	.3									.8	5.9
WSW				.1								.1	12.0
W				.1								.1	12.0
WNW													
NW													
NNW		.1										.1	3.0
VARBL													
CALM												1.0	
	5.0	8.9	22.5	42.3	10.1	1.1						100.0	13.2

TOTAL NUMBER OF OBSERVATIONS

1995

DATA PROCESSING DIVISION
FTAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT WFO STATION NAME 46-47, 50-65 YEARS MAY MONTH 0600-0600 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE		.1	.3	.6	.1							1.2	1.3
NE	.2	1.1	2.0	2.7	1.4	.2						7.6	11.9
ENE	.4	2.6	9.5	21.6	9.9	1.6	.1					45.7	13.5
E	1.5	2.7	8.9	13.7	6.0	.4						33.2	12.0
ESE	.3	.8	1.9	2.0	.6	.1						5.6	10.4
SE	.4	.4	1.4	.5	.2							2.7	7.9
SSE	.2	.2	.9	.1								1.4	7.5
S	.2	.1	.5									.2	6.5
SSW			.4									.1	7.0
SW	.2	.1										.3	3.4
WSW		.1	.1									.2	5.8
W													
WNW		.1										.1	6.0
NW													
NNW													
VARBL													
CALM												1.0	
	3.5	8.4	25.5	41.3	16.0	2.2	.1					100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 111

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT WUU STATION NAME 46-47, 50-65 YEARS MAY MONTH 0900-1100 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.2	.6	.1	.1							.1	11.0
NNE	.1	1.2	2.2	.2	.1							1.2	10.0
NE	.1	1.0	10.0	17.1	11.5	.2						7.8	11.8
ENE	.3	2.9	10.2	15.9	5.9	1.3						42.0	13.6
E	.6	.9	2.1	2.6	.5	.9						36.1	12.5
ESE	.4	.6	1.6	.4								6.7	10.1
SE	.1	.2	.7	.1								2.9	7.9
SSE	.1	.1	.2	.1								1.1	3.1
S	.1	.2	.2	.1								.4	9.0
SSW	.1	.2	.2	.1								.5	6.6
SW		.2	.2									.4	6.7
WSW		.1	.1									.2	9.0
W			.1									.1	10.0
WNW			.1									.1	8.0
NW													
NNW			.1	.1								.1	9.0
VARBL													
CALM	1.7	6.5	28.2	39.4	19.6	.4						100.0	12.4

TOTAL NUMBER OF OBSERVATIONS 1011

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41606
STATION

LAKE ISLAND INT API 160

STATION NAME

ALL WEATHER
CLASS

YEARS

46-47, 50-55

MAY

MONTH

1200-1400

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2		.1								.2	7.3
NNE		.1	.3	.6	.1							1.1	12.4
NE	.1	.9	2.7	3.2	.9	.1						7.8	11.8
ENE	.3	2.5	10.1	20.4	10.2	1.1						44.7	13.3
E	.5	2.1	10.0	15.0	5.7	.4						33.7	12.4
ESE	.4	1.1	2.4	2.0	.3							6.3	9.7
SE	.2	.9	1.4	.7								3.2	8.2
SSE		.1	.4	.2								.7	9.1
S		.1	.2	.1								.4	8.3
SSW		.1	.2									.2	8.0
SW	.1	.1	.3	.1								.6	6.7
WSW		.1	.2									.3	5.0
W	.1		.1									.1	4.5
WNW		.1	.1									.2	7.7
NW													
NNW			.2									.2	7.7
VARBL													
CALM												.1	
	1.7	9.2	28.7	42.4	17.3	1.7						100.0	12.3

TOTAL NUMBER OF OBSERVATIONS

1012

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 41606 WAKE ISLAND INT APT WEL STATION NAME 46-47, 50-60 YEARS ALL WEATHER CLASS MONTH 1500-1700 HOURS (L.S.T.) DAY

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.1	.1	.7	.2							.1	5.5
NNE	.1	.4	.6	3.9	1.5							2.0	10.4
NE	.1	1.2	2.4	21.3	11.9	1.5						9.2	12.1
ENE	.3	2.0	10.2	13.9	4.0	.2						47.2	13.7
E	1.0	1.9	9.1	2.1	.2							30.1	11.9
ESE	.9	1.1	2.2	.2								6.5	9.2
SE	.1	.3	1.2	.2								1.9	5.5
SSE	.4	.2	.2	.1								.9	3.1
S	.1	.2	.2	.1								.4	7.7
SSW	.1	.1	.2									.4	6.6
SW	.2	.2	.2									.4	6.0
WSW	.1	.1	.1									.2	6.7
W			.2									.2	9.3
WNW			.1									.1	9.0
NW			.1									.1	9.0
NNW				.1								.1	11.0
VARBL													
CALM												.2	
	2.7	7.7	27.1	42.6	17.8	1.8						100.0	12.3

TOTAL NUMBER OF OBSERVATIONS

1602

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41606 LAKE ISLAND INT APT WEC 46-47, 50-65 MAY
STATION NAME YEARS MONTH
1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.1	.1								.3	9.8
NNE	.1	.3	.3	.9	.1							1.6	11.2
NE	.2	1.0	1.7	4.1	1.1	.2						8.2	12.0
ENE	.6	2.1	8.7	21.9	13.6	2.8						49.7	14.3
E	1.1	2.3	9.6	12.5	4.0	.4						29.9	11.8
ESE	.4	.9	1.9	1.4	.2							4.9	9.4
SE	.3	.9	.8	.5	.1							2.5	7.8
SSE	.1	.2	.4									.6	7.2
S		.3	.4	.1								.8	7.4
SSW	.2	.1										.3	2.6
SW	.1	.2	.1									.3	4.8
WSW		.1										.1	6.0
W													
WNW													
NW			.1									.1	9.0
NNW	.1		.1	.1								.3	8.3
VARBL													
CALM												.4	
	3.1	9.3	24.1	41.6	19.0	5.4						100.0	12.6

TOTAL NUMBER OF OBSERVATIONS

1491

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 41606 MAKE ISLAND INT APT WBO STATION NAME
MAY NORTH
2100-2300 HOURS (L.S.T.)
YEARS
46-47, 50-60
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N				.2								.2	12.3
NNE		.2	.2	.3	.1	.1						.8	11.8
NE	.1	.4	1.6	3.7	1.3	.1						7.3	12.9
ENE	.8	2.5	7.2	21.8	13.4	2.0						47.5	14.2
E	.9	2.4	8.6	15.5	5.4	.9						33.7	12.6
ESE	.6	.7	1.9	1.9	.4							5.5	9.9
SE	.1	.9	.7	.4	.							2.1	8.5
SSE	.1	.1	.2	.1								.5	7.1
S		.2	.7									.9	7.1
SSW	.1	.2										.3	4.0
SW		.3	.1									.4	5.8
WSW		.1										.1	6.0
W													
WNW													
NW													
NNW			.1									.1	9.0
VARBL													
CALM												.7	
	2.6	7.8	21.2	43.9	20.7	.1						100.0	12.9

TOTAL NUMBER OF OBSERVATIONS

1591

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

3

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41606 STATION WAKE ISLAND INT APT WEO

YEARS

46-47, 50-51

JUN

MONTH

0900-0900
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1	.1									.2	0.0
NNE		.2	.1	.1								.4	7.0
NE	.2	1.4	1.4	1.1	.2							4.4	8.8
ENE	.7	2.5	10.5	16.2	2.4							32.2	11.5
E	2.5	2.7	16.8	14.3	2.5	.1						38.9	10.4
ESE	.5	1.3	5.0	6.2	.3							13.2	10.2
SE	.5	1.3	1.4	1.3	.1							4.7	5.4
SSE	.1	.3	.2	.1								.7	0.0
S	.1	.3	1.0									2.0	5.3
SSW	.1	.3										.4	3.7
SW	.1	.1										.4	4.8
WSW	.1	.1										.1	3.5
W	.1	.1	.1	.1								.3	7.6
WNW													
NW													
NNW	.1											.1	3.0
VARBL													
CALM												2.0	
	5.0	11.4	36.5	39.3	5.6	.2						100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

1931

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41606 STATION WAKE ISLAND INT APT WHL STATION NAME 46-47, 50-65 YEARS JUN MONTH 0300-0500 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.1										.1	6.0
NNE	.1	.3	.3	.1								.6	7.1
NE	.6	.7	1.6	1.6	.2							4.7	9.1
ENE	1.2	2.6	10.4	16.4	2.0							32.6	11.0
E	2.8	3.9	13.9	13.4	1.9		.1					36.0	10.1
ESE	.7	1.6	6.9	5.7	.2							15.1	9.8
SE	.5	.4	1.4	1.0	.1							3.5	9.1
SSE	.1	.3	.7	.3								1.3	8.4
S	.7	.7	.8									2.2	5.5
SSW	.3	.2	.1									.9	4.6
SW	.2	.1	.1									.5	5.4
WSW	.1	.1	.1									.3	5.0
W	.1											.1	3.0
WNW		.1	.1									.1	6.5
NW			.1									.1	3.0
NNW													
VARBL													
CALM												1.8	
	7.4	11.2	36.6	38.7	4.4		.1					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS

1030

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 29801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT WBC STATION NAME 46-47, 50-65 YEARS MONTH JUN
CLASS ALL WEATHER HOURS (L.S.T.) 0600-0900

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1		.1								.3	4.8
NNE		.4	.3	.1								.8	7.7
NE	.3	.6	3.4	1.0	.5							6.4	10.1
ENE	1.2	3.7	9.3	16.5	3.1	.1						34.4	11.2
E	1.4	4.1	13.3	11.8	1.4							32.0	10.1
ESE	1.0	1.4	7.4	5.1	.5							15.4	9.7
SE	.6	.5	1.4	1.3	.1							3.9	3.7
SSE	.1	.6	.7	.3								1.7	7.7
S	.3	.5	.6	.1								1.5	6.6
SSW	.1	.2	.3									.6	6.1
SW	.2	.2	.1	.1								.8	5.9
WSW	.1		.3									.3	7.8
W	.1	.1	.1									.3	5.2
WNW	.1											.1	3.0
NW		.1										.1	5.0
NNW	.1		.1									.2	4.7
VARBL													
CALM												1.2	
	5.9	12.6	37.0	36.9	5.5	.1						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS

1551

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41006
STATION

WAKE ISLAND INT APT WDC
STATION NAME

46-47, 50-6°

YEARS

JUN

MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.2										.2	5.0
NNE		.3	.3	.1								.9	7.1
NE	.4	.3	2.4	1.4	.6							5.7	9.8
ENE	.4	3.7	10.7	18.8	3.1	.1						36.2	11.4
E	.5	3.7	14.4	10.6	1.5							30.8	10.2
ESE	.4	2.6	6.2	5.6	.5							15.3	9.8
SE	.2	1.4	1.5	2.0								5.1	9.2
SSE	.1	.4	.7	.5								1.6	9.0
S		.5	.6	.3								1.4	8.2
SSW		.1	.4	.1								.6	7.9
SW	.1	.3	.1									.5	5.3
WSW		.1	.3	.1								.6	4.6
W		.2	.2									.4	6.5
WNW													
NW		.1										.1	5.5
NNW		.1										.1	4.0
VARBL													
CALM												.4	
	2.0	14.4	37.9	39.5	5.7	.1						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS

1570

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41506 WAKE ISLAND INT APT WDC STATION NAME ALL WEATHER CLASS 46-47, 50-60 YEARS MONTH JUL. 1200-1400 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.4	.1									.2	6.3
NNE	.3	1.1	1.9	1.6	.8							1.5	7.7
NE	.5	3.2	12.0	18.0	2.3							5.3	9.5
ENE	.3	4.3	14.4	12.7	1.6							35.9	11.2
E	.5	1.5	6.3	5.3	.3							33.7	10.3
ESE	.5	1.2	1.7	1.0								13.9	9.9
SE	.1	.1	.3	.3								4.2	7.9
SSE	.1	.1	1.0	.3								1.0	6.6
S	.1	.4	.3	.1								1.5	8.8
SSW	.1	.2	.3									.9	8.9
SW	.1	.3	.1	.1								.5	8.3
WSW	.1	.3	.1	.1								.5	7.1
W	.1	.2	.1	.1								.3	9.3
WNW	.1											.1	3.0
NW		.1	.1									.2	7.3
NNW		.1										.1	4.0
VARBL													
CALM													
	3.0	13.3	39.5	39.7	4.6							100.0	10.3

TOTAL NUMBER OF OBSERVATIONS

1052

DATA PROCESSING DIVISION
AFAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41606
STATION

WAKE ISLAND INT APT WDC
STATION NAME

YEARS

44-47, 50-65

JUN
MONTH

1000-1700
HOURS (LST.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.1									.3	6.0
NNE	.1	.5	.6	.4								1.7	7.9
NE	.5	1.4	2.6	1.9	.1							7.1	9.6
ENE	.6	4.5	13.2	19.1	1.8							29.3	11.0
E	.5	3.7	13.9	12.1	1.2	.1						31.4	10.3
ESE	.5	1.4	5.0	4.2	.3	.1						11.4	9.9
SE	.2	1.0	1.4	.5	.1							3.0	8.0
SSE	.3	.3	.3	.2								1.1	6.8
S	.3	.4	1.0	.1								1.3	7.5
SSW	.1	.1	.3	.1								.7	5.4
SW	.1	.3	.3	.1								.5	8.0
WSW		.2	.3									.3	6.4
W	.1	.1	.1									.1	10.0
WNW			.1									.1	3.0
NW	.1											.4	5.5
NNW	.1	.2	.1									.0	
VARBL													
CALM													
	3.2	14.3	39.3	38.7	3.4	.1						100.0	10.1

TOTAL NUMBER OF OBSERVATIONS

541

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AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
WAKE ISLAND INTERNATIONAL AIRPORT. REVISED UNIFORM SUMMARY OF S--ETC(U)
JUN 65

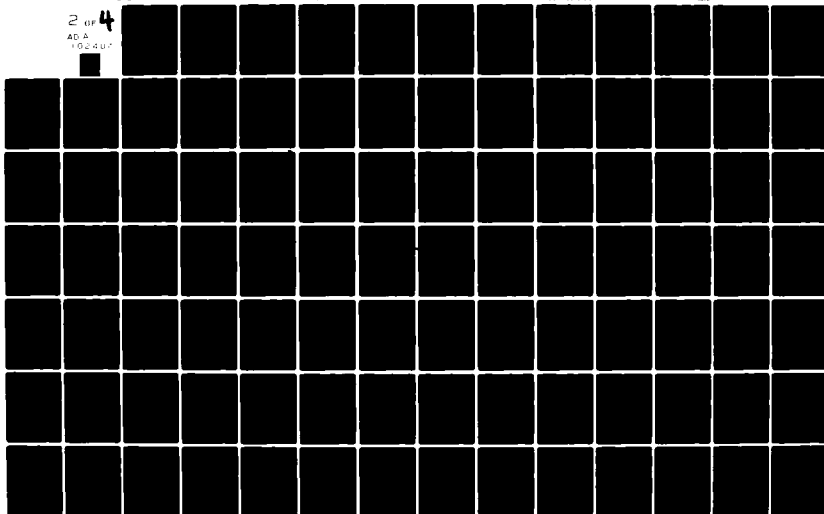
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3
DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41606 STATION WAKE ISLAND INI API ABC STATION NAME 46-47, 50-6 YEARS JUN MONTH 1800-000 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.2	.2									.5	3.3
NNE	.1	.2	.4	.4								1.0	9.4
NE	.3	1.0	3.6	1.5	.6							6.9	9.9
ENE	.1	3.6	15.5	19.4	3.2	.1						41.9	11.4
E	.6	3.9	12.3	13.2	1.4							31.6	10.4
ESE	.7	1.0	3.4	4.6	.1							9.9	10.0
SE	.4	.6	1.0	.5	.1							2.6	3.1
SSE	.1	.2	.4	.1								.3	3.8
S	.4	.5	.8									1.6	3.8
SSW	.1	.1	.5									.7	6.7
SW	.2	.1	.1									.4	4.8
WSW	.1	.1	.1									.3	4.8
W			.2									.2	8.3
WNW			.1									.1	7.5
NW	.1		.1	.1								.3	3.3
NNW	.1	.1	.1									.3	5.6
VARBL													
CALM												.3	
	3.6	11.5	38.8	39.8	5.4	.1						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 1932

DATA PROCESSING DIVISION
FTAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41606
STATION

WAKE ISLAND INT APT WDC
STATION NAME

46-47.50-60

YEARS

JUN

MONTH

2100-2300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.1									.3	6.5
NNE	.1	.1	.1	.2								.5	8.5
NE	.1	1.3	2.5	1.0	.2	.1						5.2	9.3
ENE	.4	2.9	12.0	19.4	4.2	.1						38.9	11.8
E	2.0	3.0	14.1	15.1	1.8	.1						36.1	10.5
ESE	.3	1.2	3.4	5.2	.4							10.6	10.5
SE	.6	.4	1.0	.8								2.8	8.2
SSE	.1	.3	.3	.1								.2	6.5
S	.4	.6	.5									1.5	5.3
SSW	.2	.3										.5	4.3
SW		.2										.2	5.3
WSW	.1	.1	.1									.3	4.3
W	.1		.3									.4	6.0
WNW													
NW													
NNW		.1	.1									.1	6.5
VARBL													
CALM												1.8	
	4.5	10.5	34.5	41.9	6.5	.1						100.0	10.5

TOTAL NUMBER OF OBSERVATIONS

1531

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41606

LAKE ISLAND INT APT REC

STATION NAME

46-47, 50-64

YEARS

JUL

MONTH

0000-0200

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	.1	.1	.1									.2	5.0
NE	.3	.5	1.2	.6	.1							2.7	8.6
ENE		1.6	8.9	17.8	3.6							31.8	12.1
E	.5	3.6	14.1	18.8	2.2	.1						39.2	10.9
ESE	.2	1.8	6.5	6.2	.5	.1						15.3	10.4
SE	.4	1.1	2.6	.5	.1							4.7	7.9
SSE	.3	.4	1.2	.5	.1							2.4	8.4
S	.4	.4	.9	.1								1.8	6.4
SSW	.1	.1	.1									.3	6.4
SW	.1	.1										.2	4.3
WSW			.1									.1	5.0
W													
WNW													
NW													
NNW													
VARBL													
CALM												1.2	
	2.3	9.6	35.8	44.5	6.5	.1						100.0	10.7

TOTAL NUMBER OF OBSERVATIONS

474

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41606 STATION WAKE ISLAND INT APT WBC STATION NAME
JUL MONTH
0300-0500 HOURS (L.S.T.)
46-47, 50-64 YEARS
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.1	.1	.1								.2	8.0
NNE	.1	.1		.1								.2	6.7
NE	.3	1.0	1.2	.9	.4							3.7	9.2
ENE	.1	1.8	9.0	15.4	3.4	.1	.1					29.8	12.0
E	.7	4.3	14.0	16.6	1.5							37.0	10.5
ESE	.3	2.0	8.6	6.2	.3	.1						17.6	9.9
SE	.3	1.2	2.7	.7	.1							4.9	8.1
SSE	.5	.1	1.4	.3								2.3	7.5
S	.3	.7	.8	.2								2.0	7.0
SSW		.1	.3									.3	7.0
SW		.2										.2	5.7
WSW			.1									.1	10.0
W													
WNW		.2										.2	4.7
NW													
NNW													
VARBL													
CALM												1.4	
	2.5	11.6	34.2	40.3	5.7	.1	.1					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 1471

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41606
STATION

WAKE ISLAND INT APT WDC
STATION NAME

46-47, 50-64
YEARS

JUL
MONTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1		.1									.2	6.7
NNE		.3	.3	.1								.6	9.3
NE	.3	1.0	.9	.8	.1							3.2	8.8
ENE	.1	2.3	8.6	17.0	2.6	.1						30.7	11.8
E	.4	3.2	15.8	16.5	1.7	.1						37.7	10.8
ESE	.4	1.6	6.0	5.6	.9	.1						14.5	10.6
SE	.5	1.3	2.9	.9	.1							5.6	8.2
SSE	.3	.7	1.6	.2								2.8	7.7
S	.3	.5	1.1	.1								2.0	6.9
SSW	.1	.1	.1									.3	5.0
SW		.1	.1									.2	6.7
WSW		.1	.1									.3	6.0
W	.2	.1	.1									.3	3.4
WNW		.1		.1								.2	7.0
NW		.1										.1	6.0
NNW		.1										.1	5.0
VARBL													
CALM												1.2	
	2.7	11.7	37.6	41.3	5.4	.1						100.0	10.5

TOTAL NUMBER OF OBSERVATIONS

1579

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28001

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 HARE ISLAND INT APT ABC STATION NAME 46-47, 50-64 YEARS JUL MONTH 0900-1100 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.1	.1									.3	4.5
NNE	.1		.1									.1	4.5
NE	.3	.8	1.4	1.4								3.9	9.3
ENE	.4	1.3	9.7	17.0	2.8	.3						31.6	12.0
E	.1	2.5	14.0	17.0	1.9							35.5	11.1
ESE	.3	2.5	8.2	5.6	.6							17.4	10.0
SE		.9	3.7	.9	.1							5.6	6.9
SSE	.1	.8	.6	.4								2.0	7.4
S		.4	.7	.3								1.5	8.5
SSW	.1	.3	.1	.1								.4	6.7
SW	.1	.2	.2									.4	6.3
WSW	.1	.1	.1									.3	4.8
W			.1	.1								.2	11.7
WNW		.1	.1									.2	5.3
NW			.1									.1	10.0
NNW		.1		.1								.1	6.5
VARBL													
CALM												.5	
	1.6	10.0	39.2	42.8	5.5	.3						100.0	10.7

TOTAL NUMBER OF OBSERVATIONS

1281

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41606
STATION

WAKE ISLAND INT APT WNC

STATION NAME

YEARS

46-47, 50-64

JUL

MONTH

1200-1400

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE		.1	.1	.2								.3	11.8
NE	.1	.7	1.9	1.3	.1							4.2	9.4
ENE	.3	2.0	10.2	16.5	3.7	.1						32.8	12.0
E	.3	2.7	15.1	15.1	1.8	.1						35.0	10.9
ESE	.1	2.0	9.0	6.1	.3							17.5	9.9
SE	.2	.9	3.0	.7	.1							4.9	8.7
SSE	.1	.5	1.0	.4								2.0	7.7
S		.2	.8	.2								1.2	8.7
SSW	.1	.3	.4	.2								.9	7.8
SW		.3	.2	.1								.6	6.4
WSW													
W	.1		.1									.1	6.0
WNW		.1	.1									.2	6.7
NW													
NNW													
VARBL													
CALM												.4	
	1.3	9.7	41.8	40.7	5.0	.2						100.0	10.7

TOTAL NUMBER OF OBSERVATIONS

1580

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41606
STATION

LAKE ISLAND INT APT MHC

46-47, 50-64

YEARS

ALL WEATHER
CLASS

JUL

MOUTH

1500-1700

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N				.1								.1	13.0
NNE		.3	.1	.5								.3	9.7
NE	.1	.3	1.2	1.6	.3							3.4	11.1
ENE	.6	1.6	12.1	18.4	4.1	.1						36.9	11.9
E	.5	2.9	14.8	15.2	1.4	.1						35.0	10.7
ESE	.6	1.9	6.7	3.4	.6	.1						13.3	9.6
SE	.2	1.6	2.8	.7	.1							5.4	6.0
SSE	.1	1.0	1.0	.1								2.1	6.8
S	.1	.3	.5	.2								1.1	7.9
SSW	.1	.1	.5	.1								.6	7.6
SW	.1	.4										.5	4.3
WSW			.1	.1								.1	9.5
W													
WNW													
NW	.1	.1										.1	4.6
NNW													
VARBL													
CALM												.4	
	2.4	10.3	39.8	40.2	6.6	.3						100.0	10.7

TOTAL NUMBER OF OBSERVATIONS

1546

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT WBO STATION NAME 46-47.50-64 YEARS JUL MONTH NORTH 1800-2000 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	.1	.3	.1	.1	.1	.1						.7	9.5
NE	.3	.5	1.9	1.5	.3							4.5	10.2
ENE	.5	2.0	11.2	20.1	5.5							39.2	12.2
E	.5	2.7	14.8	15.7	1.5							35.1	10.8
ESE	.2	2.0	4.5	4.5	.3	.2						11.6	9.5
SE	.3	1.4	2.1	.5								4.3	7.2
SSE	.1	.2	.5	.5								1.3	9.6
S	.1	.9	.7	.1								1.8	6.4
SSW		.1	.2									.3	6.5
SW													
WSW		.1										.1	5.0
W													
WNW				.1								.1	15.0
NW													
NNW	.1	.1										.1	4.0
VARBL													
CALM												.7	
	2.1	10.2	36.1	42.9	7.6	.3						100.0	10.8

TOTAL NUMBER OF OBSERVATIONS

1495

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41606

WAKE ISLAND INT APT WDC

STATION NAME

YEARS

46-47, 50-64

JUL

MONTH

2100-2300

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1											.1	2.0
NNE	.1	.1	.1									.4	3.2
NE	.1	.7	1.0	1.3	.3							4.3	10.3
ENE	.2	1.8	10.5	19.3	4.3	.1						26.1	12.2
E	.3	2.9	13.9	18.2	2.0	.2						37.6	11.3
ESE	.1	1.4	6.1	4.9	.5	.1						13.1	10.3
SE	.5	.8	1.9	1.0	.1							4.2	3.5
SSE	.3	.1	.9	.3	.1							1.8	3.6
S	.4	.5	.4									1.3	5.6
SSW	.1	.1	.1		.1							.4	7.7
SW													
WSW													
W													
WNNW			.1									.1	7.0
NW													
NNW		.1										.1	3.0
VARBL													
CALM												.5	
	2.3	8.6	35.7	45.0	7.3	.4						100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

1470

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT API 100 STATION NAME YEARS 46-47, 50-64 MONTH 0000-0000 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.1			.1						.3	12.6
NNE	.1	.1	.1	.1		.1						.3	10.4
NE	.2	1.0	1.7	2.3	.4							5.7	16.2
ENE	.3	2.2	4.6	16.3	2.3	.1						29.9	11.7
E	.6	5.3	16.3	14.6	1.5	.1						38.5	10.3
ESE	.1	2.1	5.6	4.9	1.1	.2						14.0	10.6
SE	.1	1.3	3.0	.9	.2							5.5	8.7
SSE	.1	.3	.6	.2								1.6	7.0
S	.3	.4	.4	.1								1.3	6.6
SSW	.2	.1	.1									.4	4.8
SW	.1	.1	.1	.1		.1						.4	10.0
WSW	.1		.1	.1								.2	8.3
W													
WNW													
NW	.1											.1	1.0
NNW	.1	.1										.2	3.3
VARBL													
CALM												1.0	
	2.5	13.7	36.9	39.7	5.6	.4						100.0	10.4

TOTAL NUMBER OF OBSERVATIONS

1457

DATA PROCESSING DIVISION
 AFAC, USAF
 ASHEVILLE, N. C. 28601

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT 800 STATION NAME 44-47, 50-04 MONTH AUG
 CLASS ALL WEATHER HOURS (LST.) 0000-0000

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.2	.1	.3	.4							.1	2.5
NNE	.1	.2	.1	.3	.4							.2	1.5
NE	.1	.2	.1	.3	.4							.4	2.7
ENE	.3	2.6	9.3	14.7	1.5	.1						.5	1.4
E	.5	5.6	14.1	13.1	2.5							.7	1.6
ESE	.1	7.4	6.9	4.3	.7	.1						.7	1.0
SE	.1	1.0	2.7	1.2	.1	.1						.1	2.4
SSE	.1	.5	1.4	.4	.1							.2	2.7
S	.1	.6	1.6	.3	.1							.2	7.1
SSW	.1	.3	.1	.1								.1	2.8
SW	.1	.2	.2	.1								.4	7.3
WSW	.1	.1	.2	.1								.1	7.2
W													
WNW			.1									.1	7.0
NW			.1									.1	10.0
NNW	.1	.2	.1									.4	.7
VARBL													
CALM												1.0	
	1.1	14.7	38.0	34.4	5.2	.1		.1				100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 156

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT WBL STATE NAME YEARS 46-47, 48-64 MONTH AUG NORTH
CLASS 0600-0900 HOURS (L.S.T.)

ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3		.1									.4	4.5
NNE	.1	.1	.4	.4								1.0	4.9
NE	.2	1.0	1.3	2.7	.7	.1						6.0	11.3
ENE	.6	2.6	4.6	14.6	2.6							28.9	11.3
E	.6	4.5	13.3	14.3	1.8	.4	.1					35.0	10.8
ESE	.3	2.9	6.1	3.4	.6	.1						13.6	9.5
SE	.5	1.8	3.7	1.0	.1							7.0	7.9
SSE	.3	.6	.8	.3	.3							2.2	8.4
S	.1	.6	1.0	.4								2.2	7.8
SSW	.1	.4	.3									.3	6.3
SW	.3	.2	.4		.1							.9	6.6
WSW	.1	.1		.1								.2	7.7
W	.1	.3		.1								.4	5.6
WNW	.1		.1									.2	5.0
NW	.1	.2										.3	4.5
NNW	.3	.2										.5	3.8
VARBL													
CALM												.6	
	3.8	15.5	36.2	17.3	6.0	.6	.1					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

1178

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 29901

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 42606 PAKE ISLAND INT API ABC STATION NAME 45-47, 50-64 YEARS 100 MONTH 0900-1100 HOURS (LST.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.3	.2									.4	5.5
NNE	.1		.3	.2								.5	7.7
NE	.3	.6	1.6	3.0	.5							6.0	15.3
ENE	.3	2.0	5.7	15.3	2.2	.1						22.7	17.0
E	.4	3.4	13.7	14.5	2.5	.1						34.9	10.9
ESE	.2	2.2	6.6	4.5	.8	.1						14.4	10.0
SE	.3	1.1	3.7	1.3	.1							6.5	8.7
SSE	.4	1.0	1.6	.3	.1							3.4	7.7
S	.4	.5	1.0	.3	.1							2.3	7.2
SSW	.1	.2	.5	.1								1.0	5.8
SW	.1	.1	.4	.1								.6	9.4
WSW	.2		.2	.1								.4	6.7
W		.1	.1									.1	7.0
WNW													
NW		.1			.1							.2	5.3
NNW		.1										.1	5.0
VARBL													
CALM												.3	
	2.7	11.6	39.4	40.1	6.4	.1						100.0	10.5

TOTAL NUMBER OF OBSERVATIONS

110

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41606
STATION

MAKE ISLAND INT APT . RC
STATION NAME

46-47, 50-64

YEARS

AUG
MONTH

1200-1400
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1		.3								.4	10.8
NNE		.3	.6	.1	.1							1.6	10.1
NE	.1	.9	1.6	2.4	.4	.1						5.4	10.7
ENE	.3	2.5	10.2	15.0	2.3	.1						30.3	11.4
E	.3	2.7	13.9	14.4	2.0	.1						33.3	11.0
ESE	.4	1.9	6.5	4.7	.6							13.9	10.1
SE	.3	2.2	3.5	.9	.1	.1						7.0	8.0
SSE	.3	.7	1.4	.6	.1							5.0	8.2
S	.1	.5	.5	.3								1.5	7.4
SSW	.1	.1	.6	.3	.2							1.5	10.0
SW	.1	.3	.7	.2	.1							1.3	9.1
WSW		.1	.3	.1								.1	8.4
W		.1	.1									.2	5.7
WNW		.1	.1									.2	6.0
NW		.1	.1									.1	6.0
NNW		.1	.1									.1	6.5
VARBL													
CALM												.1	
	1.5	12.7	40.2	39.2	5.9	.3						100.0	10.5

TOTAL NUMBER OF OBSERVATIONS

1380

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28901

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT WPC STATION NAME 46-47, 50-64 YEARS MONTH AUG
HOURS (LST.) 1500-1700

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.4	.3	.1								.6	7.1
NNE		.4	.3			.1						1.0	8.3
NE	.3	.9	2.5	2.7	.5	.1						6.9	10.7
ENE	.2	2.5	10.6	16.9	1.9	.1						32.2	11.4
E	.3	2.6	13.9	12.2	2.1	.1						31.4	10.8
ESE	.1	2.5	5.6	3.6	.4	.1						12.2	9.6
SE	1.0	1.7	3.9	.6	.1							7.3	7.4
SSE	.2	.5	.8	.3	.1							1.7	5.1
S	.1	.3	1.0	.1	.1							1.7	8.6
SSW	.1	.1	.5	.1								.7	8.1
SW		.2	.9	.2	.2	.1						1.6	10.4
WSW		.1	.2	.1	.1							.4	9.3
W		.1	.1	.2								.3	8.4
WNW	.1	.1	.1									.3	5.4
NW	.1	.1										.2	4.3
NNW		.1		.3								.4	10.2
VARBL													
CALM												.2	
	2.3	13.0	40.0	37.2	5.4	.5						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 145

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41606 STATION WAKE ISLAND INT APT WDC STATION NAME 46-47, 50-64 YEARS AUG NORTH 1800-2000 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.3	.1	.1								.5	6.6
NNE		.4	.6	.4	.1							1.5	8.1
NE	.3	1.2	1.8	1.7	.3							5.5	9.5
ENE	.2	3.0	10.7	17.9	3.2	.1						35.1	11.6
E	.4	3.8	14.5	13.0	1.8	.1	.1					33.6	10.6
ESE	.3	1.5	4.6	3.4	.8	.2						10.8	10.5
SE	.3	1.5	3.2	.7	.1							5.8	7.0
SSE	.2	.7	.7	.1	.1							1.3	7.8
S	.4	.7	.5	.2								1.0	6.7
SSW			.3	.1								.3	8.8
SW		.2	.7	.1	.2							1.1	9.6
WSW	.1	.3	.1	.1								.5	7.4
W	.1											.1	3.0
WNW		.1	.1									.2	6.3
NW	.2	.1										.3	3.8
NNW		.1		.1								.2	7.7
VARBL													
CALM												.9	
	2.6	13.9	37.8	37.6	6.7	.4	.1					100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 1486

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41606
STATION

LAKE ISLAND INT APT MDC
STATION NAME

46-47, F O-64

YEARS

AUG

MONTH

2100-1300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.1	.1								.3	3.0
NNE	.1	.1	.1	.2	.1							.6	9.3
NE	.3	.4	1.7	2.3	.3							5.0	10.5
ENE	.3	2.8	12.0	16.9	2.7	.1						34.8	11.6
E	.6	4.2	15.4	14.7	2.5	.1						37.5	10.7
ESE	.1	1.6	5.2	4.1	.6	.2						11.8	10.3
SE	.1	1.2	2.3	.7								4.3	7.9
SSE	.5	.6	1.0	.1	.1							2.3	6.6
S	.2	.1	.6	.2								1.2	7.4
SSW	.1	.3		.1								.3	6.1
SW	.1	.1	.1									.3	6.3
WSW	.1	.2	.1	.1								.5	7.7
W													
WNW	.1											.1	3.0
NW	.3	.1										.3	3.2
NNW	.1	.1										.1	4.0
VARBL													
CALM												.7	
	2.8	12.0	38.6	39.5	6.2	.1						100.0	10.5

TOTAL NUMBER OF OBSERVATIONS

1452

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT HEC 46-47.50-64 SEP MONTH 0000-0200 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.3	.1			.1						.6	6.9
NNE	.1	.3	.2	.1			.1					.8	9.0
NE	.6	.7	1.3	1.5	.4	.1						4.6	9.9
ENE	.6	2.5	10.5	16.3	2.4							34.2	11.5
E	1.0	3.2	12.9	14.1	1.4							32.6	10.5
ESE	.5	1.2	5.3	4.3	.3	.1						11.8	10.1
SE	.4	.7	2.4	.3								3.9	7.4
SSE	.2	.7	1.0	.3	.1							2.3	7.5
S	.5	.6	.8	.6		.1						2.4	7.2
SSW	.3	.6	.3									1.3	5.8
SW	.1	.2	.2									.6	6.5
WSW	.1	.3	.1	.1								.6	6.4
W	.2	.1	.1	.1								.5	4.7
WNW			.1									.1	7.0
NW	.2					.1						.3	7.5
NNW	.1											.1	1.0
VARBL													
CALM												3.4	
	5.2	11.3	35.3	39.7	4.6	.4	.1					60.0	10.0

TOTAL NUMBER OF OBSERVATIONS

1445

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41606
STATION

WAKE ISLAND INT API WBC

STATION NAME

46-47, 50-64

YEARS

SEP

MONTH

0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.2	.2				.1					.6	9.1
NNE		.4	.6	.1			.1					1.2	9.8
NE	.1	1.4	3.2	2.4	.4							7.9	10.0
ENE	.9	3.2	10.5	16.5	1.7	.1						32.8	10.9
E	1.0	3.7	12.7	12.0	1.8	.1						31.3	10.5
ESE	.3	1.6	5.2	4.7	.3							12.1	10.1
SE	.6	.7	2.0	.2								3.5	7.1
SSE	.3	.3	.8	.6								1.9	3.4
S	.7	1.0	1.2	.2								3.1	6.4
SSW	.3	.4	.4	.3								1.4	7.0
SW	.3	.3	.1									.7	3.8
WSW	.1	.1	.1									.3	4.2
W	.2											.2	1.0
WNW		.1	.1									.2	7.3
NW	.1	.1	.1									.2	3.9
NNW	.3	.1	.1									.3	3.3
VARBL													
CALM												2.4	
	5.3	13.5	37.3	37.0	4.2	.1	.2					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS

1445

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41606
STATION

MAKE ISLAND INT APT MBO

STATION NAME

46-47, 50-64

YEARS

SEP

MONTH

0600-0800

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.3	.1									.9	3.7
NNE	.1	.1	.6	.4								1.3	8.3
NE	.4	.9	1.8	3.6	.5							7.0	10.9
ENE	.8	2.1	13.3	14.9	2.4	.1						33.6	11.1
E	.7	4.7	11.6	12.2	2.3	.1						31.6	10.5
ESE	.3	.9	4.7	3.3	.6	.1						9.9	10.5
SE	.9	1.5	1.3	.3	.1							4.0	6.5
SSE	.3	1.0	.8	.4								2.5	7.0
S	.9	1.0	.9	.4	.1							3.3	6.3
SSW	.3	.5	.4	.2	.1							1.4	7.5
SW	.2	.3	.3									.9	5.4
WSW		.1	.1	.1								.2	8.3
W	.1	.1	.1									.3	4.8
WNW			.1									.1	7.0
NW	.2								.1	.1		.3	20.2
NNW	.3	.1	.2							.1		.7	8.7
VARBL													
CALM												2.1	
	5.9	13.6	36.1	35.7	6.0	.4			.1	.1		100.0	10.0

TOTAL NUMBER OF OBSERVATIONS

119

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 NAME WAKE ISLAND INT API ABC YEARS 46-47, 50-64 MONTH SEP
CLASS ALL WEATHER HOURS (L.S.T.) 0900-1900

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.1	.3									.7	5.4
NNE	.1	.5	.6	.1								1.2	7.1
NE	.5	1.0	1.8	3.6	.2	.1						7.2	10.5
ENE	.6	1.4	11.1	15.7	1.7							30.5	11.3
E	.8	2.9	12.2	13.2	2.5							31.6	10.9
ESE	.7	2.4	5.7	4.9	.8	.1						14.5	10.1
SE	.9	1.2	2.1	.7	.1							5.1	7.6
SSE	.2	.4	1.2	.3	.1							2.2	7.7
S	.2	.3	.7	.5	.1							1.7	8.5
SSW	.1	.5	.5	.6								1.6	9.5
SW	.1	.6	.8	.1								1.6	6.7
WSW	.1	.2	.4									.7	8.8
W	.1	.1										.3	3.8
WNW	.1		.1								.1	.3	21.8
NW		.1	.1									.1	5.5
NNW	.1	.1									.1	.2	23.7
VARBL													
CALM												.6	
	4.9	11.8	37.5	39.4	3.5	.2					.1	100.0	10.4

TOTAL NUMBER OF OBSERVATIONS

1570

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT WBC STATION NAME 46-47, 50-64 YEARS MONTH SEP
1200-1400 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.5	.1	.1								.9	5.0
NNE	.2	.6	.6	.1	.1							1.5	7.0
NE	.7	1.1	2.6	3.1	.3							7.8	9.7
ENE	.7	2.2	11.1	16.7	1.9	.1						32.7	11.3
E	.5	2.9	11.5	12.6	2.0							29.4	10.9
ESE	.2	1.9	6.6	3.6	.6							12.8	9.6
SE	.2	1.3	3.3	.8	.1							5.7	6.1
SSE	.2	.3	1.4	.3								2.2	8.2
S	.1	.3	1.1	.5								2.0	8.6
SSW	.2	.2	.5	.5								1.2	9.7
SW	.2	.3	.6	.3	.1							1.4	8.6
WSW	.1	.3	.4									.8	6.2
W	.1	.1	.1									.3	4.5
WNW	.1	.1	.1									.3	4.8
NW	.1	.1	.2									.4	7.0
NNW	.1	.1										.1	3.5
VARBL													
CALM												.2	
	3.7	12.2	40.1	38.6	5.1	.1						100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

1619

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41606 STATION NAME LAKE ISLAND INT API RBL 46-47, 50-60 YEARS MONTH MAY 1900-1900 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.3										1.1	4.2
NNE	.2	.5	.5	.6	.1	.1						2.0	3.7
NE	1.1	1.1	3.5	4.4	.1							10.2	9.7
ENE	.5	2.3	13.7	16.3	2.6							34.2	11.2
E	.6	2.2	11.1	11.6	1.9	.1						27.8	10.9
ESE	.2	1.3	5.1	3.2	.3							10.1	10.0
SE	.6	1.3	2.5	.5	.1							5.0	7.4
SSE	.1	.5	1.1	.1	.1							1.9	7.6
S		.5	.9	.6	.1							2.1	8.9
SSW		.3	.5	.4								1.3	9.0
SW	.1	.2	.7	.5								1.5	9.1
WSW	.1	.3	.3									.7	9.1
W	.2	.3	.1									.5	4.0
WNW													
NW	.1			.1								.1	7.5
NNW	.1		.1	.1								.2	7.7
VARBL													
CALM												.7	
	4.6	11.7	39.4	38.2	5.7	.7						100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

1491

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT 400 STATION NAME 46-47.50-64 YEARS SEP NORTH
CLASS ALL WEATHER 1800-1000 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.6	.2									1.0	5.7
NNE	.1	.2	.6	.1	.1							1.2	7.9
NE	.6	1.0	3.5	4.1	.5							9.5	10.4
ENE	.7	2.5	11.3	20.4	2.4		.1					37.3	11.5
E	.4	2.6	8.9	12.6	1.7							26.3	11.2
ESE	.1	1.6	4.6	3.2	.7							10.3	10.1
SE	.5	1.5	1.9	1.1	.2							5.2	8.0
SSE	.1	.6	.6	.3	.1							4.7	7.9
S	.3	.3	1.1	.2								1.9	7.3
SSW	.1	.3	.3	.1								.8	7.2
SW	.1	.3	.7	.1								1.1	7.0
WSW	.1	.1	.2	.1	.1							.6	5.4
W	.1											.1	5.0
WNW													
NW		.1										.2	3.0
NNW	.2		.1									.3	4.3
VARBL													
CALM												6.6	
	3.5	11.7	34.0	42.4	5.7		.1					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS

447

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28301

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41606
STATION

MAKE ISLAND INT API REC

STATION NAME

YEARS

46-47, 50-60

MONTH

2100-1300

HOURS (L.S.T.)

ALL INFORMATION

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.1	.1	.1	.1							.6	1.0
NNE		.1	.1	.1	.1							.6	1.0
NE	.2	1.2	2.3	2.6	.3							6.6	10.4
ENE	.6	1.7	1.8	19.8	1.6		.1					36.9	11.6
E	.9	3.2	1.9	13.3	1.9							20.8	10.6
ESE	.2	1.0	4.4	4.3	.6							10.5	10.6
SE	.3	1.2	2.1	.6	.1							4.4	1.0
SSE	.3	.6	.9	.7								1.6	1.0
S	.2	.6	1.3	.1								2.2	1.0
SSW		.5	.3	.1								1.2	.3
SW	.1	.7	.3									1.0	.9
WSW	.1	.1	.1									.1	1.0
W	.2		.6									.7	1.0
WNW	.1											.1	1.0
NW	.1											.1	1.0
NNW	.1											.1	1.0
VARBL													
CALM													
	3.7	11.4	35.9	41.8	9.6		.1					101.0	11.4

TOTAL NUMBER OF OBSERVATIONS

446

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT MLC STATION NAME 46-47, 40-60 YEARS 001
MONTH 0000-0000 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1		.1	.1	.1							.3	10.0
NNE		.2	.5	.3	.1							1.1	10.3
NE		1.3	1.7	2.3	.7							6.0	10.7
ENE	.3	1.5	6.4	16.1	6.6	1.1	.1					32.4	13.4
E	.1	2.6	9.9	13.9	4.4	.5						31.4	12.2
ESE	.4	2.6	7.0	4.5	1.1	.1						15.7	10.0
SE	.2	.9	1.2	1.2	.1	.1						4.4	9.7
SSE	.3	.1	.4	.5	.3	.1						2.2	11.0
S	.3	.3	.3	.3	.2		.1					1.5	9.1
SSW		.2			.1	.1						.4	13.8
SW		.1	.1	.1	.1							.3	12.6
WSW		.1	.1	.1								.2	9.3
W		.1	.2	.1								.3	5.7
WNW		.2	.1	.1								.2	4.3
NW		.1	.1	.1								.2	10.3
NNW			.1		.1							.1	10.7
VARBL													
CALM													
	1.8	10.6	29.2	39.4	13.6	5.2	.1					100.0	11.6

TOTAL NUMBER OF OBSERVATIONS

1000

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28901

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 LAKE ISLAND INT APT WFO STATION NAME 46-47, 50-64 YEARS MONTH JULI
0300-0100 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.3	.1	.1	.1						.7	10.6
NNE		.2	.3	.1	.1	.1						.9	11.9
NE	.3	1.1	2.4	2.6	.8							7.3	10.5
ENE	.2	1.5	8.1	16.7	6.8	.6						33.9	13.1
E	.3	2.0	9.7	12.0	4.4	.7	.1					29.1	12.2
ESE	.2	1.8	7.4	4.0	1.1	.1						14.8	10.3
SE	.7	1.0	1.8	.9	.1							4.4	7.9
SSE	.1	.3	.9	.4	.3	.1						2.1	10.7
S	.3	.3	.7	.1	.3	.1	.1					1.9	9.9
SSW		.1		.1	.2	.1						.5	13.1
SW	.1	.3		.1	.1							.5	8.0
WSW	.1		.3	.2	.1							.7	8.6
W	.1	.2		.1								.5	8.9
WNW													
NW		.1	.1	.1								.3	8.2
NNW		.1	.1									.1	7.5
VARBL													
CALM												2.4	
	2.6	9.2	32.1	37.4	14.7	1.8	.					100.0	11.5

TOTAL NUMBER OF OBSERVATIONS

1017

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

41606 WAKE ISLAND INT API ABC

40-47, 50-64

001

STATION NAME

YEARS

MONTH

ALL WEATHER

0600-0000

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.2	.1		.3							.6	10.3
NNE		.1	.4	.1	.2							.8	11.6
NE	.2	.6	2.9	2.2	1.3							7.2	11.3
ENE	.2	1.1	3.0	13.8	3.0	.6						31.9	13.4
E	.4	2.9	11.1	14.4	4.1	.4						32.9	11.8
ESE	.4	1.0	5.9	4.5	.8							12.6	10.5
SE	.5	.6	3.3	.8	.1							5.5	8.2
SSE	.1	.3	.6	.6	.1	.5						2.1	10.5
S	.4	.6	.4	.4	.1	.3						2.0	7.1
SSW	.1	.3		.1	.2							.6	11.0
SW	.2	.1		.1								.3	5.6
WSW		.1	.1	.2	.1							.2	12.5
W			.2	.2								.4	10.7
WNW	.1			.1								.3	1.3
NW		.1	.1	.1								.3	8.5
NNW		.1	.1	.1								.3	10.0
VARBL													
CALM												2.0	
	2.7	7.9	33.2	37.6	15.1	1.6						100.0	11.6

TOTAL NUMBER OF OBSERVATIONS

1000

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT API WDC STATION NAME ALL WEATHER CLASS YEARS 46-47, 50-64 MONTH JULY HOURS (L.S.T.) 0900-1100

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.2	.1	.2	.1						.6	13.9
NNE	.1	.4	.3	.4	.1	.1						1.5	9.8
NE	.3	.2	2.3	2.8	.9							7.0	11.0
ENE	.4	1.8	8.3	14.8	6.5	.6						32.3	12.9
E	.4	2.1	11.8	14.5	4.6	.5	.1					33.9	12.1
ESE	.4	1.4	4.4	4.8	.7		.1					11.7	10.5
SE	.2	.9	3.2	1.3	.1	.1						5.8	9.2
SSE		.3	.9	.8	.2							2.0	10.2
S	.1		.6	.3	.1	.2						1.2	12.4
SSW		.3	.2	.3	.1	.1						1.0	11.7
SW	.1	.1	.1	.1	.1							.4	10.0
WSW			.3	.1	.1							.4	9.7
W	.1		.4	.2								.6	9.4
WNW	.1	.1	.1	.1								.2	9.4
NW		.1	.1									.1	9.0
NNW	.1	.1	.1	.1								.2	7.3
VARBL													
CALM												.7	
	2.1	8.4	33.0	40.3	13.7	1.6	.1					100.0	1.7

TOTAL NUMBER OF OBSERVATIONS

1771

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41606 STATION

WAKE ISLAND INT APT WRO

STATION NAME

ALL WEATHER

CLASS

YEARS

46-47, 50-64

UCT

MONTH

1200-1400

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.3	.3	.1	.1							.6	5.7
NNE		.2	.5	.0	.1		.1					1.1	11.1
NE	.3	.8	2.7	3.0	1.0	.5	.1					8.0	11.4
ENE	.4	2.0	8.0	13.1	5.9	.5						32.8	12.7
E	.1	1.6	12.2	12.8	3.4	.6						30.8	11.9
ESE	.3	1.5	6.8	4.4	.7	.1	.1					12.9	10.4
SE	.3	1.3	2.7	1.7	.3							6.3	9.0
SSE	.1	.6	.9	.4	.1							2.2	5.7
S	.1	.2	.4	.2	.1	.1						1.0	12.0
SSW		.1	.5	.3	.2	.7						1.2	12.4
SW	.1	.1	.2									.4	6.3
WSW		.1	.3	.1	.1							.6	9.3
W	.1	.1	.3	.1								.6	8.4
WNW			.2	.2	.1							.4	11.9
NW													
NNW			.1	.1								.2	10.7
VARBL													
CALM												100.0	11.5

TOTAL NUMBER OF OBSERVATIONS

179

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT MBL 46-47, 50-64 GCI MONTH 1500-1700 HOURS (L.S.T.)

YEARS

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.3	.4		.1							.2	7.8
NNE	.1	.4	1.0	.3	.1	.1						2.1	9.3
NE	.2	.8	2.7	3.0	1.1	.3						5.1	11.7
ENE	.3	2.1	9.7	16.3	6.3	1.0	.1					35.8	12.8
E	.2	2.3	10.7	11.5	2.7	.9						28.3	11.8
ESE	.2	1.4	6.0	3.3	.6	.2						11.6	10.1
SE	.3	1.5	2.3	.8	.1							5.1	7.9
SSE	.3	.5	.8	.7	.1							2.4	8.9
S	.3	.4	.3	.4	.1	.1						1.5	7.1
SSW		.3	.4	.2	.1	.2						1.2	11.9
SW	.1	.1	.1	.1								.4	7.3
WSW		.2	.2	.1	.1							.6	9.2
W		.1	.2	.1								.3	8.6
WNW	.1	.1	.1	.3	.1							.6	10.4
NW			.1	.1								.1	1.5
NNW		.1		.1								.2	7.7
VARBL												.9	
CALM												100.0	11.4

TOTAL NUMBER OF OBSERVATIONS

.549

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41606
STATION

NAKE ISLAND INT API WDC
STATION NAME

46-47, 50-64
YEARS

001
MONTH

ALL WEATHER
CLASS

1900-000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.3	.3	.2	.1							.9	9.2
NNE	.1	.5	.5	.3	.2							1.4	9.1
NE	.3	.6	2.1	3.8	1.6	.2						8.5	12.6
ENE	.1	1.7	8.7	16.9	7.4	1.3	.2					36.2	13.5
E	.2	.1	10.5	11.9	4.6	.5	.1					29.8	12.1
ESE	.1	1.0	5.1	3.6	.5	.2						11.1	10.2
SE	.5	.7	1.7	.9	.1							3.9	8.3
SSE	.3	.3	.5	.3	.2							1.5	9.2
S	.3	.3	.6	.5	.1	.1						1.7	8.5
SSW		.1		.2	.1	.3						.6	17.1
SW	.2	.3	.2	.1	.1							.8	5.8
WSW		.1	.1	.1	.1							.3	11.0
W		.1		.1								.1	5.5
WNW	.1	.1	.2	.1								.5	8.5
NW	.1	.1	.2	.1								.6	7.9
NNW		.3	.2									.5	5.9
VARBL													
CALM												1.4	
	2.1	9.1	31.0	38.7	14.9	2.4	.3					100.0	11.8

TOTAL NUMBER OF OBSERVATIONS

1514

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41606
STATION

LAKE ISLAND INT API 160
STATION NAME

46-47, 50-64
YEARS

001
MONTH

2100-300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.1	.3		.2	.1						.7	12.0
NNE		.3	.5	.3	.1							1.2	9.1
NE	.2	.7	2.3	3.1	1.1	.1						7.5	11.9
ENE	.1	1.6	6.2	17.3	8.5	1.1						34.8	13.8
E	.1	2.1	11.3	13.3	4.5	.6						32.0	12.1
ESE	.1	1.5	5.9	5.1	.6	.2	.1					13.6	10.6
SE	.5	1.1	1.0	.6	.1	.1						3.4	3.7
SSE	.1	.3	.1	.5								1.0	9.5
S	.1	.4	.1	.6	.1	.1						1.6	11.1
SSW		.3		.1	.2	.1						.7	12.1
SW		.1	.1	.1								.3	8.8
WSW		.1		.1								.1	5.0
W	.1	.1	.1	.1								.3	6.3
WNW			.1	.1								.1	11.0
NW	.1	.1	.3									.4	7.7
NNW	.1	.1	.2									.3	7.0
VARBL													
CALM												2.0	
	1.5	8.9	26.6	41.2	15.4	3.4	.1					100.0	12.0

TOTAL NUMBER OF OBSERVATIONS

1017

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28601

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT WOL STATION NAME 46-47.49-64 YEARS MONTH NOV 0000-0000 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.4	.4	.1								1.0	7.0
NNE	.2	.6	.5	.3	.4							1.9	9.3
NE	.4	1.1	2.9	3.4	1.4	.1	.1					9.3	11.6
ENE	.3	1.7	5.5	17.3	13.1	3.2	.3					40.2	15.0
E	.7	2.1	10.4	14.0	4.5	.9						32.6	12.3
ESE	.4	.8	3.8	2.4	.9	.2						6.5	11.1
SE	.1	.5	.4		.1							1.2	6.5
SSE	.4	.1	.5	.1	.1							1.2	7.6
S	.1	.2	.6	.1		.1						1.1	3.7
SSW		.3	.1									.4	5.2
SW		.1	.1									.2	4.0
WSW													
W		.1	.3									.3	7.6
WNNW		.1										.1	4.0
NW	.1	.3										.4	4.3
NNW		.1		.1								.3	10.5
VARBL													
CALM												1.3	
	2.7	8.5	25.5	37.7	20.5	3.4	.3					100.0	12.7

TOTAL NUMBER OF OBSERVATIONS

1553

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT WBC STATION NAME 46-47, 49-61 YEARS NOV MONTH 0300-0500 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.3	.6	.1	.2							1.0	10.3
NNE		.4	.6	.6	.1	.1						1.7	10.0
NE	.4	1.7	3.5	3.0	1.6	.2						10.3	11.2
ENE	.4	1.5	7.2	17.6	13.1	1.8	.3					41.9	14.5
E	.5	2.0	9.1	12.6	4.5	.6						29.7	12.3
ESE	.3	1.0	3.1	2.6	.4	.1						7.6	10.3
SE	.3	1.0	.8	.2	.1							2.3	7.1
SSE	.2	.1	.3	.2	.1							1.0	9.3
S	.2	.3	.7									1.2	8.6
SSW	.1	.1	.4									.6	6.8
SW													
WSW		.1	.1									.2	8.3
W	.1	.1	.1									.3	4.0
WNW		.1										.1	4.0
NW	.1	.1										.1	3.0
NNW		.1	.2	.1								.4	3.4
VARBL													
CALM												1.5	
	2.6	9.0	26.1	37.3	20.2	3.0	.3					100.0	12.4

TOTAL NUMBER OF OBSERVATIONS

1579

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28901

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT WOLF STATION NAME 46-47, 49-64 YEARS MONTH NOV
HOURS (LST.) 0600-0100

ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.3	.2	.2								.6	7.7
NNE	.1	.3	1.1	.7	.4	.1						2.6	10.9
NE	.2	1.2	3.4	3.7	1.4	.3						10.3	12.6
ENE	.3	1.8	7.6	18.2	12.5	2.7	.1	.1				43.2	14.6
E	.6	1.8	8.2	12.5	4.5	.9						18.9	12.6
ESE	.4	1.1	2.4	2.4	.2							6.6	9.5
SE	.2	1.1	.7	.2								2.3	6.5
SSE	.4	.1	.2	.2								.9	7.1
S	.1	.1	.7	.2								1.2	8.6
SSW	.1	.1	.2									.4	6.3
SW		.1										.1	1.0
WSW			.1	.1								.1	12.0
W		.2	.1									.2	6.3
WNW	.2	.1										.2	2.8
NW	.1		.1									.1	1.5
NNW	.1		.1									.4	6.3
VARBL													
CALM												1.7	
	3.0	6.1	25.2	39.0	19.0	3.9	.1	.1				100.0	12.3

TOTAL NUMBER OF OBSERVATIONS 104

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41606 STATION WAKE ISLAND INT APT WDC STATION NAME 46-47, 45-64 YEARS AGV MONTH 0900-1100 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.2	.4	.2								.9	3.5
NNE	.4	.5	.7	.6	.2							2.3	8.6
NE	.2	1.4	3.9	4.0	1.9	.3						11.6	11.8
ENE	.4	1.3	8.2	16.6	12.1	1.5	.1	.1				41.2	14.6
E	.3	1.5	6.9	15.1	4.2	.9	.1					29.0	13.0
ESE	.2	.7	3.3	7.6	.6	.1						7.5	10.5
SE	.2	.9	1.5	.3								3.0	7.3
SSE	.1	.2	.4	.2								1.1	6.8
S	.1	.4	.4	.1	.1							.8	9.9
SSW	.2	.4	.3									.9	7.3
SW	.1	.1	.2									.3	7.2
WSW				.1								.1	13.0
W	.1	.1		.1								.3	8.6
WNW	.1	.1										.1	4.5
NW		.1	.1									.2	6.0
NNW	.1		.1									.1	5.0
VARBL													
CALM												.4	
	2.7	7.5	26.5	39.9	19.1	3.7	.1	.1				100.0	12.7

TOTAL NUMBER OF OBSERVATIONS

1617

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41005
STATION

WAKE ISLAND INT APT DEC

STATION NAME

YEARS

66-67, 68-69

NOV

MONTH

1200-400
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.2	.6	.2								.6	7.3
NNE	.1	.4	.9	.4	.2							2.0	7.8
NE	.4	1.3	4.0	4.4	1.9	.1						12.0	11.4
ENE	.3	1.0	8.6	13.0	11.6	2.3	.1					42.0	14.3
E	.7	2.2	7.5	13.4	5.1	.7	.1					29.7	12.5
ESE	.2	.8	3.2	2.0	.2							6.5	9.8
SE	.4	.7	.9	.4								2.3	7.2
SSE	.1	.5	.6	.3								1.5	8.0
S	.1		.2	.2	.2							.8	11.4
SSW		.1	.4									.6	7.3
SW		.2	.2									.5	7.3
WSW		.2	.2	.1								.4	7.3
W		.2	.2	.1								.4	7.6
WNW													
NW		.1	.1									.1	5.5
NNW		.1										.1	6.0
VARBL													
CALM												.7	
	2.2	8.0	27.2	39.6	19.1	3.1	.1					100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

100

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT WAC STATION NAME 46-47, 49-64 YEARS MONTH 1000-1700 HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	.4	.1	.1							.3	5.7
NNE	.1	.6	.7	.3	.2							1.7	9.3
NE	.3	1.3	4.8	3.7	1.6							11.0	11.1
ENE	.5	1.6	6.9	20.0	12.8	.2	.1					44.3	14.5
E	.8	1.8	9.2	11.3	4.5	.4						27.1	13.9
ESE	.2	.9	2.1	1.8	.4							5.4	9.9
SE	.2	.7	1.1	.3	.1							2.1	7.8
SSE	.2	.2	.5	.3								.9	3.9
S	.1	.1	.3	.2	.2							.9	10.5
SSW	.2		.3									.4	6.3
SW	.2	.3	.2									.7	1.3
WSW	.1											.3	6.7
W		.1	.1	.1								.3	7.6
WNW		.1	.1	.1								.3	1.4
NW			.1	.1								.2	1.7
NNW				.1								.1	1.0
VARBL													
CALM													
	4.8	8.4	26.6	59.1	20.0	1.9	.1					100.0	11.4

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT WDC STATION NAME 40-47,49-64 MONTH NOV
1500-1000 HOURS (LST.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.1	.1	.1	.1							.4	1.0
NNE	.1	.3	1.0	1.0	.2							.1	9.3
NE	.2	1.4	3.0	5.2	1.3	.3						11.4	1.9
ENE	.6	1.0	7.2	19.1	14.5	3.0	.4					45.6	14.9
E	.9	1.4	7.6	12.8	4.7	.4						7.2	12.5
ESE	.1	.4	2.5	1.0	.1							.1	10.1
SE	.1	.4	.7	.4	.1							1.7	8.7
SSE		.3	.2	.3	.1							.8	10.4
S	.1	.5	.2	.1	.1							.9	7.4
SSW			.2	.1	.1							.1	7.0
SW			.1	.1								.1	7.0
WSW	.1		.1	.1								.1	7.3
W	.1	.1		.1								.2	7.3
WNW		.2	.1									.3	5.5
NW		.2	.1									.3	5.0
NNW			.2	.1								.3	10.4
VARBL													
CALM	2.3	6.9	23.1	41.0	21.2	3.0						100.0	

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING DIVISION
ETAG, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT 180 STATION NAME 46-47, 49-00
MONTH 0000
2100-1300
HOURS (LST.)

YEARS

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.1	.3	.1	.3							.6	7.7
NNE		.4	.5	.5	.3							1.7	10.7
NE	.1	1.0	3.4	4.5	1.0	.4						10.3	12.0
ENE	.1	1.7	5.7	16.8	15.0	1.5	.3					42.8	13.2
E	.6	1.5	8.4	15.4	4.0	1.0						30.9	12.6
ESE	.4	.4	3.0	2.2	.5	.1						6.6	10.9
SE	.1	.4	.5	.3	.1							1.7	7.6
SSE	.1	.4	.3	.2								1.1	7.3
S	.1	.8	.3	.1								1.2	6.3
SSW	.1		.1									.2	6.7
SW	.1	.1	.1									.3	4.2
WSW													
W	.1	.1	.1	.1								.4	5.7
WNW		.1										.3	
NW		.1										.1	5.5
NNW	.1	.1	.1	.1	.1							.2	4.1
VARBL													
CALM												1.2	
	1.9	7.5	23.1	40.3	21.7	4.0	.3					99.3	1.0

TOTAL NUMBER OF OBSERVATIONS

7

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41606 STATION

WAKE ISLAND INT APT WPL

STATION NAME

46-47, 49-64

YEARS

11E0

MONTH

0000-0.00

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.6	.3	.7	.7	.1						3.0	11.0
NNE	.1	.5	1.7	1.5	.7							4.6	11.2
NE	.4	1.1	3.4	4.5	2.8	.6						12.6	13.0
ENE	.1	1.6	6.2	16.0	9.6	1.9						35.4	14.3
E	.4	1.6	7.9	10.4	2.8	.2						23.4	11.7
ESE	.3	.9	4.3	4.0	.5							10.0	10.4
SE	.3	.9	.8	.4								2.4	5.9
SSE	.2	.2	.2	.1								.9	6.6
S	.4	.4	.3	.1	.1	.1						1.4	7.5
SSW		.2	.2	.1	.1							.7	9.0
SW		.1	.2	.2								.6	8.7
WSW			.2									.2	13.0
W	.2	.1	.2									.4	5.6
WNW	.1											.1	3.0
NW	.3	.3	.1	.1								.6	1.2
NNW		.2	.5	.1								.9	1.2
VARBL													
CALM												2.0	
	3.4	8.3	26.6	38.3	17.4	.8						100.0	11.9

TOTAL NUMBER OF OBSERVATIONS

(8)

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT 001 STATION NAME ALL RELIUM CLASS MONTH DEC. YEAR 46-47, 49-64 HOURS (L.S.T.) 0300-0500

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.7	.3	.6	.3	.1						2.9	12.0
NNE	.2	.6	1.4	1.4	.7	.1						4.4	11.6
NE	.4	.6	3.5	4.9	1.6	.4	.1					11.3	12.3
ENE	.3	1.5	7.6	6.6	7.5	.7	.1					35.3	13.8
E	.3	1.7	4.8	10.3	4.8	.1						24.1	11.8
ESE	.2	1.6	4.2	3.0	.2							10.2	9.8
SE	.1	.9	.8	.1								2.1	7.3
SSE	.1	.1	.3	.2								.9	9.1
S	.4	.5	.6	.1	.1	.1						1.7	7.3
SSW	.1	.3	.3	.1		.1						.9	8.3
SW	.1	.1	.2	.1								.4	10.0
WSW	.1	.1	.4									.5	7.3
W	.1	.3	.1									.5	5.1
WNW	.1											.1	1.0
NW	.2	.2	.2									.7	5.2
NNW	.2	.6	.4		.1							1.3	7.1
VARBL													
CALM												2.7	
	2.9	9.3	29.6	18.4	14.0	.6	.1					100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 608

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 LAKE ISLAND INT API ABC STATION NAME 46-47, 49-6, YEARS DEC MONTH 0600-0000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.7	.7	.7	.5	.1						2.4	13.3
NNE		.4	1.1	1.3	.5	.1						3.4	12.0
NE	.2	1.0	3.9	5.7	2.4	.3	.1					13.6	12.6
ENE	.4	1.5	6.4	15.5	7.0	1.6	.2					32.6	13.7
E	.2	1.9	7.1	11.8	4.4	.4						25.7	12.4
ESE	.1	1.1	3.2	3.2	.2	.1						8.5	10.3
SE	.5	.9	1.6	.3								3.2	7.0
SSE	.1	.2	.2	.1	.1							.7	9.3
S	.5	.5	.4	.1	.1							1.6	9.9
SSW	.1	.2	.3	.1	.2	.1						.9	10.8
SW	.1	.1	.5	.4								1.0	10.7
WSW		.1										.1	5.0
W		.2	.4									.4	7.8
WNW	.1	.7	.1	.1								.5	5.4
NW	.2	.2	.2									.6	4.9
NNW	.1	.3	.1	.3	.1							.9	4.6
VARBL													
CALM												1.9	
	2.5	9.1	26.5	39.5	15.1	2.3	.3					100.0	11.8

TOTAL NUMBER OF OBSERVATIONS

1627

DATA PROCESSING DIVISION
LTIAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT WBO 46-47,49-66 DEC
MONTH 0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.5	.0	.5	1.0	.1	.1					2.7	13.6
NNE	.1	.2	1.4	1.4	.5	.1						3.7	12.0
NE	.3	.8	4.0	5.1	2.0	.7	.1					13.0	12.7
ENE	.1	1.6	7.2	14.8	7.4	1.7						32.7	13.8
E	.5	1.9	8.8	11.3	4.0	.7						27.1	12.1
ESE	.1	1.0	3.7	2.6	.7	.1						8.1	10.6
SE	.3	.9	2.3	.2								3.7	7.5
SSE	.2	.4	.3	.1	.1							1.1	7.8
S	.2	.5	.2	.3	.2							1.4	9.3
SSW	.1	.1	.2	.3	.2							1.2	11.9
SW	.1	.2	.2	.4								.8	8.6
WSW		.1	.1	.1	.1							.4	11.1
W	.1	.2	.1									.3	5.4
WNW		.2	.4									.6	6.4
NW		.3	.1	.1								.4	7.0
NNW		.2	.1			.1		.1				.4	12.7
VARBL													
CALM												2.4	
	1.9	9.8	29.8	27.1	16.2	3.3	.1	.1				100.0	12.0

TOTAL NUMBER OF OBSERVATIONS

659

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

42606

WAKE ISLAND INT API ARC

46-47.49-64

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1200-1400

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.3	.5	.9	.8	.1	.1					3.3	12.4
NNE		.2	1.6	1.1	.9	.4						4.2	12.9
NE	.2	1.4	3.8	4.6	2.0	.3	.1					12.3	11.9
ENE	.2	1.5	8.8	14.2	7.9	1.1	.2					33.9	13.5
E	.4	1.9	9.5	10.1	3.7	.4						24.8	12.0
ESE	.1	1.6	3.8	2.6	.2							8.3	9.6
SE	.2	.8	1.9	.5								3.4	7.8
SSE	.2	.4	.5	.3								1.4	7.7
S	.4	.3	.7	.1	.2							1.6	7.9
SSW	.1	.2	.3	.4	.2							1.1	10.7
SW	.1	.2	.1	.7	.1							1.2	10.3
WSW	.2	.3	.2	.1	.1							.9	7.3
W	.1	.4	.4	.1	.1	.1						1.1	5.1
WNW	.1	.4	.4	.1	.1							.9	6.7
NW		.1	.2			.1						.3	7.4
NNW		.2	.1	.2								.5	11.1
VARBL													
CALM													
	2.5	10.1	32.0	35.8	16.1	5.4	.2					100.0	11.6

TOTAL NUMBER OF OBSERVATIONS

1008

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 51606 WAKE ISLAND INT APT WUC STATION NAME 46-47, 49-64 YEARS DEC MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.3	.9	1.3	.4	.2						3.3	12.2
NNE	.2	.6	1.3	1.9	.5	.2						4.7	11.6
NE	.1	1.3	4.3	4.6	2.3	.6						13.3	12.3
ENE	.2	1.7	8.1	16.4	7.7	1.2	.1					35.4	13.5
E	.4	1.8	8.9	9.5	2.8	.5						23.9	11.7
ESE	.2	1.3	3.5	1.9	.4							7.4	9.4
SE	.2	.6	1.0	.6								2.3	6.0
SSE	.1	.4	.3	.2								.7	5.5
S	.1	.5	.4	.2	.2							1.4	6.7
SSW	.1	.2	.2									.6	5.8
SW	.1	.1	.7	.2	.1							1.3	9.7
WSW	.1	.1	.5	.1	.1							.2	8.9
W	.1	.5	.6	.1		.1						1.2	7.7
WNW		.1	.2	.1								.4	3.3
NW	.1	.4	.4									.9	6.6
NNW		.3	.1			.1						.4	8.0
VARBL													
CALM												1.9	
	2.3	9.8	31.6	37.1	14.4	3.9	.1					100.0	11.7

TOTAL NUMBER OF OBSERVATIONS

1635

DATA PROCESSING DIVISION
FTAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41606
STATION

WAKE ISLAND INT APT WDC
STATION NAME

46-47, 49-64
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	1.2	.7	.6	.2	.1					3.5	12.2
NNE	.1	.6	.9	1.7	.9							4.3	12.1
NE	.4	.9	4.7	5.5	2.7	1.0	.2					15.3	12.8
ENE	.1	1.4	8.3	17.9	8.8	1.2	.2					38.0	13.7
E	.3	2.0	7.0	9.8	3.1	.4						21.5	11.6
ESE	.3	.7	2.9	2.1	.2							6.2	10.0
SE	.1	.7	.3	.2								1.9	7.1
SSE	.2	.1		.2								.5	7.9
S	.2	.2	.2		.2							.8	8.6
SSW	.1		.2									.3	7.4
SW	.1		.3	.2								.6	9.6
WSW		.2	.4	.2								.7	9.1
W	.1	.4	.1									.6	4.8
WNW	.1	.1	.5	.1	.1							.9	9.4
NW	.2	.2	.4	.1								.9	8.4
NNW	.1	.4	.2		.1							.7	7.2
VARBL													
CALM												3.2	
	2.5	8.4	28.0	38.7	15.7	3.0	.4					100.0	11.9

TOTAL NUMBER OF OBSERVATIONS

1000

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28901

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 41606 WAKE ISLAND INT APT ABC STATION NAME 46-47, 49-64 YEARS MONTH DEC 2100-2300 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.3	.7	.6	.9	.1						3.2	11.7
NNE	.1	1.2	1.6	1.4	.7							4.9	10.5
NE	.4	.7	4.4	5.9	2.7	.7	.2					15.1	12.8
ENE	.4	.8	7.2	17.9	9.1	2.0						37.4	14.2
E	.3	1.3	7.4	10.2	3.1	.3						22.7	12.1
ESE	.2	.8	2.2	2.7	.2	.1						6.2	10.9
SE	.4	.7	.8	.1								2.1	6.4
SSE	.1	.1	.3	.5								1.0	10.0
S	.2	.2	.1		.1	.1						.7	9.2
SSW	.2	.2	.3									.5	6.5
SW	.1		.3	.1								.4	8.7
WSW			.2	.1	.1							.3	11.4
W	.1	.1	.1									.3	5.6
WNW	.1	.1	.1									.2	5.3
NW		.4	.5									.9	6.7
NNW	.1	.4	.2	.1	.1							.9	7.1
VARBL													
CALM												3.0	
	2.6	8.0	26.6	39.4	16.9	3.2	.2					100.0	12.1

TOTAL NUMBER OF OBSERVATIONS

902

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41606 STATION NAME MAKE ISLAND INT APT HCO 46-47, 49-60 YEARS ALL NORTH
INSTRUMENT CLASS ALL HOURS (L.S.T.)

CIG 200 TO 1400 FT W/ VSEY 1/2 MI OR MORE,
AND/OR VSEY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.4	.9	1.7	1.9	.5	.2					3.6	15.6
NNE	.2	.3	1.0	1.1	2.1	.9	.2	.1				6.4	15.2
NE	.1	.5	2.3	3.5	3.7	2.3	.7	.1				13.2	16.7
ENE	.2	.6	4.6	7.9	5.9	1.5	1.0	.1				21.7	15.3
E	.2	.6	4.7	5.8	3.5	1.5	.4					16.7	14.4
ESE	.4	1.0	2.7	3.3	2.2	1.6	.7	.1				12.0	14.9
SE	.4	.4	1.4	1.9	.4	.3						4.2	11.6
SSE	.4	.4	1.0	1.5	.1	.1						3.5	10.3
S	.1	.6	1.5	.7	.2	.1	.1					3.2	11.5
SSW		.4		1.2	.1	.2						1.9	13.0
SW		.6	.3	.5	.2							1.5	9.3
WSW	.1	.3	.9	.5	.2							2.0	10.0
W	.1		.3	.2								.8	9.1
WNW		.2	.5	.5	.1							1.3	10.1
NW		.1	.2		.1				.1	.1		.7	23.7
NNW	.1	.1	.9	.4	.3	.1		.1		.1		2.1	14.2
VARBL													
CALM												2.1	
	2.3	7.1	23.3	30.6	21.1	9.0	3.4	.5	.1	.2		100.0	14.2

TOTAL NUMBER OF OBSERVATIONS 004

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand columns. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period will be eliminated from the summary for short periods or be limited to ceilings at or below 10,000 feet. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and US Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below:

JANUARY _____
FEBRUARY _____
MARCH _____

APRIL _____
MAY _____
JUNE _____

JULY _____
AUGUST _____
SEPTEMBER _____

OCTOBER _____
NOVEMBER _____
DECEMBER _____

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING												
≥ 1800												
≥ 1500					91.0							
≥ 1200												
≥ 1000												
≥ 900												
≥ 800												
≥ 700												
≥ 600												
≥ 500										97.4		
≥ 400												98.1
≥ 300												
≥ 200												
≥ 100												
0					95.4		96.9			98.3		
												100.0

- EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.
- EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.
- EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; ie: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.
- EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 ft and/or vsby < 3 miles.
- Likewise, the percentage of observations with ceiling < 500 ft and/or vsby < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

ADDITIONAL EXAMPLES

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with > 1 mile is equal to 6.4%. Thus; 6.4 percent of the observation meet the criteria: "ceiling > 500 feet with vsby ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with vsby ≥ 1 miles."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606

WAKE ISLAND INT APT WBC

49-65

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 20000	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 18000	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 16000	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 14000	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 12000	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 10000	79.8	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0
≥ 9000	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 8000	81.7	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 7000	82.6	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 6000	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 5000	85.3	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4500	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4000	88.7	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3500	89.9	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	90.9	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2500	91.8	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	96.5	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	97.6	98.1	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6
≥ 1500	98.2	98.9	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5
≥ 1200	98.2	99.0	99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7
≥ 1000	98.3	99.0	99.3	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8
≥ 900	98.3	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8
≥ 800	98.3	99.1	99.4	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9
≥ 700	98.3	99.1	99.4	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9
≥ 600	98.3	99.1	99.4	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9
≥ 500	98.3	99.1	99.4	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9
≥ 400	98.3	99.1	99.4	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9
≥ 300	98.3	99.1	99.4	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9
≥ 200	98.3	99.1	99.4	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9
≥ 100	98.3	99.1	99.4	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9
≥ 0	98.3	99.1	99.4	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

124223

1210WS

FORM 0-14-5 (Def 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

124223

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 WAKE ISLAND INT APT WBC
STATION NAME

50-65

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/8
NO CEILING	28.2	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
≥ 20000	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 18000	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 16000	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 14000	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 12000	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 10000	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 9000	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 8000	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 7000	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 6000	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 5000	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4500	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4000	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3500	88.7	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3000	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2500	93.0	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2000	96.8	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	97.6	98.0	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	98.1	98.7	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	98.3	98.9	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	98.3	99.0	99.3	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	98.3	99.1	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	98.3	99.1	99.4	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.3	99.1	99.4	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.3	99.1	99.4	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.3	99.1	99.4	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.3	99.1	99.4	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.3	99.1	99.4	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	98.3	99.1	99.4	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	98.3	99.1	99.4	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
0	98.3	99.1	99.4	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 11359

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

LAKE ISLAND INT API WBC
STATION NAME

50-65

YEARS

FE 6
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
≥ 20000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 18000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 16000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 14000	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 12000	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 10000	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 9000	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 8000	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 7000	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 6000	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 5000	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4500	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4000	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3500	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3000	90.9	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2500	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	97.0	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	97.9	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	98.5	99.0	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 1200	98.7	99.2	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 1000	98.7	99.3	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 900	98.7	99.3	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800	98.7	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 700	98.7	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 600	98.7	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 500	98.7	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 400	98.7	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 300	98.7	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200	98.7	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100	98.7	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 0	98.7	99.3	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

10304

1210WS
FORM
JUL 64

0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT WBC
STATION NAME

50-65
YEARS

MAH
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 20000	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 18000	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 16000	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 14000	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 12000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 10000	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 9000	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 8000	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 6000	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 5000	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4500	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4000	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3500	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3000	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2500	92.1	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2000	96.9	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	97.7	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	98.3	99.0	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
≥ 1200	98.5	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	98.5	99.2	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	98.5	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 800	98.5	99.3	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.5	99.3	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.6	99.3	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 500	98.6	99.3	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	98.6	99.3	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	98.6	99.3	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	98.6	99.3	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	98.6	99.3	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	98.6	99.3	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

11405

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 LAKE ISLAND INT APT WBC
STATION NAME

50-65

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	23.7	23.7	23.7	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
≥ 20000	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 18000	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 16000	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 14000	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 12000	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 10000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 9000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 8000	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 7000	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 6000	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 5000	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4500	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4000	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3500	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3000	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2500	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2000	97.0	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	97.8	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	98.4	99.0	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	98.5	99.1	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	98.5	99.2	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	98.5	99.2	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	98.6	99.3	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.6	99.3	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.6	99.3	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.6	99.3	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.6	99.3	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.6	99.3	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	98.6	99.3	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	98.6	99.3	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	98.6	99.3	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

11035

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 LAKE ISLAND INT APT WBC

50-65

MAY

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
≥ 20000	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 18000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 16000	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 14000	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 12000	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 9000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 8000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 7000	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 6000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 5000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4500	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 4000	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3500	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3000	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2000	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

11406

TOTAL NUMBER OF OBSERVATIONS

1210WS FORM 0-14-5 (Def 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

LAKE ISLAND INT APT #8C
STATION NAME

5C-65

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
≥ 20000	78.3	78.5	78.8	79.0	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3
≥ 18000	78.7	79.0	79.3	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 16000	79.2	79.5	79.8	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 14000	80.3	80.6	80.8	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 12000	82.1	82.4	82.6	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 10000	83.7	84.0	84.3	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 9000	84.4	84.7	85.1	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 8000	85.6	85.9	86.3	86.5	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 7000	86.4	86.7	87.1	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 6000	86.9	87.3	87.6	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 5000	88.1	88.5	88.9	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4500	89.1	89.5	89.9	90.1	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4000	90.5	90.9	91.3	91.5	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3500	91.1	91.5	92.0	92.2	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3000	91.6	92.0	92.4	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500	91.9	92.4	92.8	93.1	93.3	93.4	93.6	93.7	93.7	93.7	93.7	93.7
≥ 2000	96.3	96.9	97.4	97.6	97.9	98.0	98.2	98.3	98.3	98.3	98.3	98.3
≥ 1800	97.1	97.7	98.2	98.5	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2
≥ 1500	97.4	98.2	98.7	99.0	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.8
≥ 1200	97.4	98.2	98.7	99.0	99.4	99.5	99.7	99.8	99.9	99.9	99.9	99.9
≥ 1000	97.4	98.2	98.7	99.0	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9
≥ 900	97.4	98.2	98.7	99.0	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 800	97.4	98.2	98.8	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0
≥ 700	97.4	98.2	98.8	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0
≥ 600	97.4	98.2	98.8	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0
≥ 500	97.4	98.2	98.8	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0
≥ 400	97.4	98.2	98.8	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0
≥ 300	97.4	98.2	98.8	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0
≥ 200	97.4	98.2	98.8	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0
≥ 100	97.4	98.2	98.8	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0
≥ 0	97.4	98.2	98.8	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1034

1210WS FORM 0-14-5 (Def 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28201

CEILING VERSUS VISIBILITY

41606
STATION

LAKE ISLAND INT APT WBG
STATION NAME

50-64

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
≥ 20000	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 18000	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 16000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 14000	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 12000	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 10000	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 9000	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 8000	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 7000	88.5	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 6000	88.9	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 5000	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4500	90.4	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4000	91.3	91.8	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3500	91.5	91.9	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	91.8	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2500	92.2	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	96.5	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	97.6	98.3	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	98.2	99.0	99.3	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	98.2	99.0	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1000	98.2	99.0	99.4	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	98.2	99.0	99.4	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.2	99.0	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.2	99.0	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.2	99.0	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.2	99.1	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.2	99.1	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.2	99.1	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	98.2	99.1	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	98.2	99.1	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	98.2	99.1	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9

11152

TOTAL NUMBER OF OBSERVATIONS

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 STATION NAME LAKE ISLAND INT APT WBC 50-64 YEARS MONTH AUG
ALL HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 20000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 18000	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 16000	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 14000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 12000	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 10000	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 9000	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 8000	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 7000	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 6000	88.9	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 5000	89.8	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4500	90.2	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4000	90.9	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3500	91.3	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3000	91.5	92.0	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	91.6	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	95.8	96.7	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1800	97.0	97.9	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	97.6	98.7	99.0	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	97.7	98.8	99.1	99.2	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	97.7	98.9	99.2	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9
≥ 900	97.7	98.9	99.2	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9
≥ 800	97.7	98.9	99.2	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	97.7	98.9	99.2	99.3	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 600	97.7	98.9	99.2	99.3	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 500	97.7	98.9	99.2	99.3	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 400	97.7	98.9	99.2	99.3	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 300	97.7	98.9	99.2	99.3	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200	97.7	98.9	99.2	99.3	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100	97.7	98.9	99.2	99.3	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 0	97.7	98.9	99.2	99.3	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1112

1210W5 FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 STATION

WAKE ISLAND INT APT WBC

50-64

STATION NAME

YEARS

SHIP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
≥ 20000	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 18000	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 16000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 14000	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 12000	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 10000	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 9000	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 8000	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 7000	89.6	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 6000	90.0	90.1	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3
≥ 5000	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4500	91.1	91.2	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4
≥ 4000	91.5	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3500	91.8	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	92.1	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500	92.4	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	96.2	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	97.6	98.3	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8
≥ 1500	98.0	98.8	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 1200	98.1	98.9	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 1000	98.1	98.9	99.3	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8
≥ 900	98.1	98.9	99.3	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8
≥ 800	98.1	98.9	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 700	98.1	98.9	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 600	98.1	98.9	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 500	98.1	98.9	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 400	98.1	98.9	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 300	98.1	98.9	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 200	98.1	98.9	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 100	98.1	98.9	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 0	98.1	98.9	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 10747

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT WBC
STATION NAME

5C-64

YEARS

CUT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1 1/8	≥ 1	≥ 3/4
NO CEILING	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
≥ 20000	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 18000	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 16000	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 14000	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 12000	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 10000	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 9000	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 8000	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 7000	86.0	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 6000	86.3	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 5000	87.3	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 4500	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4000	88.9	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3500	89.5	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3000	89.8	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2500	90.0	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2000	94.9	95.6	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	96.4	97.4	97.8	97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 1500	97.1	98.4	98.8	99.0	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4
≥ 1200	97.1	98.5	99.0	99.1	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6
≥ 1000	97.2	98.6	99.0	99.2	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8
≥ 900	97.2	98.6	99.0	99.2	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8
≥ 800	97.2	98.6	99.1	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9
≥ 700	97.2	98.6	99.1	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9
≥ 600	97.2	98.6	99.1	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9
≥ 500	97.2	98.6	99.1	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9
≥ 400	97.2	98.6	99.1	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9
≥ 300	97.2	98.6	99.1	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9
≥ 200	97.2	98.6	99.1	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9
≥ 100	97.2	98.6	99.1	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9
≥ 0	97.2	98.6	99.1	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

11149

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606

LAKE ISLAND INT APT WBC

49-64

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
≥ 2000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 1800	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 1600	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 1400	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 1200	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1000	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 900	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 800	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 700	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 600	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 500	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 450	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 400	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 350	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 300	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 250	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 200	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3
≥ 1800	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5
≥ 1500	98.4	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
≥ 1200	98.5	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6
≥ 1000	98.5	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7
≥ 900	98.5	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8
≥ 800	98.5	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8
≥ 700	98.5	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8
≥ 600	98.5	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8
≥ 500	98.5	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8
≥ 400	98.5	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8
≥ 300	98.5	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8
≥ 200	98.5	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8
≥ 100	98.5	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8
≥ 0	98.5	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

11505

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JUL 64

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

STATION 41606 WAKE ISLAND INT APT WHC STATION NAME 49-64 YEARS MONTH DEC ALL HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
≥ 20000	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 18000	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 16000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 14000	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 12000	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 10000	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 9000	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 8000	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 7000	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 6000	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 5000	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4500	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3500	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2500	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2000	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	98.5	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	98.7	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	98.7	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	98.7	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	98.7	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	98.8	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	98.8	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	98.8	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	98.8	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	98.8	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	98.8	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	98.8	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	98.8	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1125

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606

WAKE ISLAND INT APT WBC

50-65

YEARS

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	28.0	28.0	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
≥ 20000	70.3	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 18000	70.3	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 16000	70.3	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 14000	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 12000	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 10000	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 9000	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 8000	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 7000	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 6000	76.0	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 5000	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4500	81.1	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4000	85.2	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3500	89.0	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3000	91.5	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500	93.1	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	97.3	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	98.0	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	98.3	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	98.6	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	98.6	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	98.6	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	98.6	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	98.6	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	98.6	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	98.6	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	98.6	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	98.6	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	98.6	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	98.6	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0	98.6	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

1416

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT WBC
STATION NAME

50-65
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
≥ 20000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 18000	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 16000	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 14000	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 12000	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 10000	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 9000	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 8000	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 7000	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 6000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 5000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4500	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4000	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3500	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS

1418

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JUL 64

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 STATION NAME MAKE ISLAND INT APT WBC 50-65 YEARS MONTH JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	25.8	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 2000	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 1800	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 1600	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 1400	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 1200	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 1000	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 900	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 800	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 700	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 600	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 500	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 450	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 400	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3500	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3000	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2000	97.1	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	98.0	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	98.4	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	98.7	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	98.7	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	98.7	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	98.7	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	98.7	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	98.7	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	98.7	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	98.7	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	98.7	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	98.7	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	98.7	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	98.7	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 1420

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

LAKE ISLAND INT APT WBC
STATION NAME

50-65
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ 0
NO CEILING	26.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
≥ 20000	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 18000	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 16000	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 14000	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 12000	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 10000	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 9000	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 8000	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 7000	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 6000	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 5000	76.8	76.9	76.9	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4500	81.1	81.4	81.4	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4000	85.6	85.9	85.9	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3500	88.4	88.7	88.7	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3000	90.7	91.0	91.0	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2500	92.7	93.0	93.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	96.6	96.9	96.9	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	97.2	97.5	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	97.9	98.5	98.7	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	98.2	98.9	99.1	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.7
≥ 1000	98.2	99.0	99.2	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 900	98.2	99.0	99.2	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 800	98.2	99.0	99.2	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 700	98.2	99.0	99.2	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 600	98.2	99.0	99.2	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 500	98.2	99.0	99.2	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 400	98.2	99.0	99.2	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 300	98.2	99.0	99.2	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200	98.2	99.0	99.2	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100	98.2	99.0	99.2	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 0	98.2	99.0	99.2	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

1421

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT API WBC
STATION NAME

5C-65

YEARS

JAN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
≥ 20000	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 18000	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 16000	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 14000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 12000	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 10000	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 9000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 8000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 7000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 6000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 5000	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4500	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4000	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3500	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3000	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	97.0	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	97.8	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	97.9	98.5	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	97.9	98.8	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	97.9	98.8	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	97.9	98.8	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	97.9	98.8	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	97.9	98.8	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	97.9	98.8	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	97.9	98.8	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	97.9	98.8	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	97.9	98.8	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	97.9	98.8	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	97.9	98.8	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

1422

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 WAKE ISLAND INT APT WBO
STATION NAME

50-65

YEARS

JAN
MONTH

1500-1700
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	≥ 0
NO CEILING	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
≥ 20000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 18000	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 16000	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 14000	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 12000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 10000	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 9000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 8000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 7000	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 6000	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 5000	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4500	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4000	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3500	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3000	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2500	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2000	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	97.7	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	97.9	98.6	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	98.0	98.7	98.9	99.1	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	98.0	98.7	98.9	99.1	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.0	98.7	98.9	99.1	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.0	98.7	98.9	99.1	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.0	98.7	99.0	99.2	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.0	98.7	99.0	99.2	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.0	98.7	99.0	99.2	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.0	98.7	99.0	99.2	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.0	98.7	99.0	99.2	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.0	98.7	99.0	99.2	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.0	98.7	99.0	99.2	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1420

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 LAKE ISLAND INT APT WBC

50-65

JAN

STATION NAME

YEARS

MOUTH

1800-2000
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
≥ 20000	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 18000	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 16000	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 14000	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 12000	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 10000	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 9000	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 8000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 7000	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 6000	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 5000	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4500	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 4000	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3500	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3000	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2500	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	97.7	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4
≥ 1500	98.1	98.7	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	98.1	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 1000	98.2	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 900	98.2	98.9	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.8
≥ 800	98.2	98.9	99.4	99.4	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0
≥ 700	98.2	98.9	99.4	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 600	98.2	98.9	99.4	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 500	98.2	98.9	99.4	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 400	98.2	98.9	99.4	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 300	98.2	98.9	99.4	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 200	98.2	98.9	99.4	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 100	98.2	98.9	99.4	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 0	98.2	98.9	99.4	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1421

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

STATION 41606 WAKE ISLAND INT APT W80 50-65 YEARS MONTH JAN
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0	
NO CEILING	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	
≥ 20000	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	
≥ 18000	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	
≥ 16000	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	
≥ 14000	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	
≥ 12000	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	
≥ 10000	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	
≥ 9000	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	
≥ 8000	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	
≥ 7000	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	
≥ 6000	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	
≥ 5000	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	
≥ 4500	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	
≥ 4000	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	
≥ 3500	90.5	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	
≥ 3000	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
≥ 2500	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	
≥ 2000	97.9	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
≥ 1800	98.4	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
≥ 1500	98.7	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
≥ 1200	98.7	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
≥ 1000	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 900	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 800	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 700	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 600	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 500	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 400	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 300	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 200	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 100	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 0	98.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	

TOTAL NUMBER OF OBSERVATIONS 1421

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT WBC
STATION NAME

50-65

YEARS

FEB
MONTH

0000-020C
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
≥ 20000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 18000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 16000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 14000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 12000	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 10000	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 9000	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 8000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 7000	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 6000	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 5000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4500	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 4000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3500	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3000	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2500	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2000	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	98.9	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	98.9	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	98.9	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	98.9	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	99.0	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	99.0	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	99.0	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	99.0	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	99.0	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	99.0	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	99.0	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	99.0	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	99.0	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

100

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JUL 64

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 WAKE ISLAND INT API WBO
STATION NAME

50-65

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16
NO CEILING	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
≥ 20000	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 18000	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 16000	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 14000	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 12000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 10000	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 9000	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 8000	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 7000	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 6000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 5000	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 4500	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3000	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2500	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800	97.5	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500	98.6	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	98.7	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	98.8	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	98.8	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.8	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.8	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.8	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.8	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.8	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.8	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	98.8	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	98.8	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	98.8	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

1297

DATA PROCESSING DIVISION
ETAC, USAF
ASMEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

STATION 41606 NAME WAKE ISLAND INT APT WBC YEARS 50-65 MONTH FT 12

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
≥ 20000	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 18000	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 16000	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 14000	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 12000	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 10000	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 9000	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 8000	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 7000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 6000	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 5000	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4500	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 4000	84.4	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3500	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3000	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2500	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	98.5	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	98.5	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	98.6	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	98.6	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	98.6	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	98.6	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	98.6	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	98.6	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	98.6	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	98.6	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 1299

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

LAKE ISLAND INT APT WBC
STATION NAME

50-65
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
≥ 2000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 1800	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 1600	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 1400	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 1200	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 1000	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 900	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 800	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 700	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 600	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 500	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4500	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 4000	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3500	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3000	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2500	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2000	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	98.5	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

1300

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JUL 64

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT WBC
STATION NAME

50-65

YEARS

FILE
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
≥ 20000	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 18000	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 16000	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 14000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 12000	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 10000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 9000	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 8000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 7000	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 6000	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 5000	79.4	79.4	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4500	83.4	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4000	86.8	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3500	89.4	89.5	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3000	91.3	91.5	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	92.5	92.7	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	97.2	97.4	97.5	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1800	97.7	98.0	98.2	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	98.3	98.8	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7
≥ 1200	98.4	98.8	99.0	99.4	99.5	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.8
≥ 1000	98.5	98.9	99.1	99.5	99.6	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 900	98.5	98.9	99.1	99.5	99.6	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 800	98.5	98.9	99.1	99.5	99.6	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9
≥ 700	98.5	98.9	99.2	99.5	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 600	98.5	98.9	99.2	99.5	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 500	98.5	98.9	99.2	99.5	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 400	98.5	98.9	99.2	99.5	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300	98.5	98.9	99.2	99.5	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	98.5	98.9	99.2	99.5	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	98.5	98.9	99.2	99.5	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	98.5	98.9	99.2	99.5	99.7	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1299

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

STATION 41606 MAKE ISLAND INT APT WBC STATION NAME 50-65 YEARS MONTH FEB 1500-1700 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
≥ 20000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 18000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 16000	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 14000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 12000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 10000	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 9000	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 8000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 7000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 6000	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 5000	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4500	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4000	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3500	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3000	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2500	91.2	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2000	97.2	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1800	97.7	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	98.5	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	98.6	99.3	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 1000	98.7	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 900	98.7	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800	98.7	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700	98.7	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	98.7	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	98.7	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	98.7	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	98.7	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	98.7	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	98.7	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	98.7	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1300

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

STATION 41606 WAKE ISLAND INT APT WBC STATION NAME 5C-65 YEARS MONTH FEB 1800-2000 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
≥ 2000	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1800	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1600	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1400	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 1200	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 1000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 900	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 800	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 700	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 600	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 500	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 450	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 400	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 350	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 300	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 250	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 200	97.1	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	97.9	98.2	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	98.3	98.6	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	98.5	98.9	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8
≥ 1000	98.5	98.9	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8
≥ 900	98.5	98.9	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8
≥ 800	98.6	99.0	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	98.6	99.0	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 600	98.6	99.0	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 500	98.6	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 400	98.6	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 300	98.6	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 200	98.6	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 100	98.6	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 0	98.6	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 299

DATA PROCESSING DIVISION
 PACAF, USAF
 ASHVILLE, N. C. 28901

CEILING VERSUS VISIBILITY

11000 WAKE ISLAND INT APT WBC
 STATION NAME

50-65

YEARS

FEB
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS (LST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16
NO CEILING	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
≥ 20000	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 18000	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 16000	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 14000	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 12000	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 10000	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 9000	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 8000	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 7000	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 6000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 5000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4500	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4000	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3500	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3000	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2000	97.2	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	98.8	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1300

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

STATION 41606 WAKE ISLAND INT APT W8C STATION NAME 50-65 YEARS MONTH MAY
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)
0000-0200 HOURS (LST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ 0
NO CEILING	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
≥ 2000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 1800	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 1600	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 1400	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 1200	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 1000	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 900	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 800	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 700	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 600	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 500	80.6	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 450	82.3	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 400	85.6	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 350	88.4	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 300	91.3	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 250	93.7	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 200	96.9	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	97.5	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	98.1	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	98.1	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	98.1	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	98.1	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	98.2	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	98.2	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	98.2	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	98.2	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	98.2	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	98.2	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	98.2	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	98.2	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	98.2	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 1426

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 WAKE ISLAND INT API WDC

50-65

MAK

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 20000	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 18000	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 16000	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 14000	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 12000	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 10000	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 9000	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 8000	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 7000	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 6000	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 5000	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 4500	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4000	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3500	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3000	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2500	91.8	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4
≥ 2000	96.3	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3
≥ 1800	96.9	97.6	97.7	97.8	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0
≥ 1500	97.8	98.5	98.7	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
≥ 1200	97.8	98.6	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1
≥ 1000	97.8	98.7	98.9	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	97.8	98.8	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6
≥ 800	97.9	98.9	99.2	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0
≥ 700	97.9	98.9	99.2	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	97.9	98.9	99.2	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0
≥ 500	97.9	98.9	99.2	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	97.9	98.9	99.2	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	97.9	98.9	99.2	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	97.9	98.9	99.2	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	97.9	98.9	99.2	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	97.9	98.9	99.2	99.4	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1426

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM JUL 64

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606

LAKE ISLAND INT APT WBC

50-65

MAK

STATION

STATION NAME

YEARS

NORTH

0600-0800
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 5/16	≥ 1/4
NO CEILING	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 20000	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 18000	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 16000	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 14000	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 12000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 10000	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 9000	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 8000	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 7000	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 6000	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 5000	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4500	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4000	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3500	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3000	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2500	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	95.7	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	97.8	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	98.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	98.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	98.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	98.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	98.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	98.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	98.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	98.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	98.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	98.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	98.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	98.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

1426

1210WS FORM 0-14-5 (Def 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JUL 64

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

STATION 41606 WAKE ISLAND INT APT W80 STATION NAME 50-65 YEARS MONTH MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
≥ 20000	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 18000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 16000	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 14000	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 12000	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 10000	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 9000	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 8000	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 7000	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 6000	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 5000	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4500	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4000	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3500	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3000	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2500	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2000	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1800	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	98.4	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

1425

TOTAL NUMBER OF OBSERVATIONS

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

STATION 41606 WAKE ISLAND INT APT WBC STATION NAME 50-65 YEARS MAK MONTH 1200-1400 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16
NO CEILING	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 20000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 18000	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 16000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 14000	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 12000	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 10000	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 9000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 8000	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 7000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 6000	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 5000	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4500	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 4000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3500	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3000	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2500	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2000	98.0	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	98.8	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	99.2	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.3	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.3	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.3	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.3	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.3	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.3	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.3	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.3	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.3	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	99.3	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	99.3	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	99.3	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1426

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 STATION WAKE ISLAND INT APT #80 STATION NAME 50-65 YEARS MAR MONTH 1500-1700 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
≥ 20000	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 18000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 16000	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 14000	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 12000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 10000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 9000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 8000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 6000	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 5000	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4500	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 4000	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3500	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3000	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2500	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000	97.0	97.5	97.5	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.8
≥ 1800	98.1	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	98.5	99.2	99.2	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7
≥ 1200	98.5	99.2	99.2	99.4	99.5	99.7	99.8	99.9	99.9	99.9	99.9
≥ 1000	98.5	99.2	99.3	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 900	98.5	99.2	99.3	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 800	98.5	99.2	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	98.5	99.2	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	98.5	99.2	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	98.5	99.2	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	98.5	99.2	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	98.5	99.2	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	98.5	99.2	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	98.5	99.2	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	98.5	99.2	99.4	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1424

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

STATION 41606 WAKE ISLAND INT APT W80 STATION NAME 50-65 YEARS NORTH MAK 800-2000 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
≥ 20000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 18000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 16000	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 14000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 12000	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 10000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 9000	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 8000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 7000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 6000	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 5000	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4500	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3500	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2500	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2000	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	98.5	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 1200	98.5	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 1000	98.7	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 900	98.7	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8
≥ 800	98.7	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8
≥ 700	98.7	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8
≥ 600	98.8	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9
≥ 500	98.8	99.4	99.5	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0
≥ 400	98.8	99.4	99.5	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	98.8	99.4	99.5	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	98.8	99.4	99.5	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	98.8	99.4	99.5	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	98.8	99.4	99.5	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1426

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 STATION NAME MAKE ISLAND INT APT WBO 50-65 YEARS MONTH MAR 2100-2300 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 0
NO CEILING	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 2000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 1800	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 1600	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 1400	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 1200	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 1000	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 900	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 800	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 700	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 600	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 500	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 450	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 400	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 350	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 300	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 250	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 200	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	98.2	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	98.6	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	98.7	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	98.7	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	98.7	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1426

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT WBC
STATION NAME

50-65
YEARS

APR
MONTH

0000-0200
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 20000	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 18000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 16000	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 14000	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 12000	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 10000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 8000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 7000	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 6000	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 5000	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 4500	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4000	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3500	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3000	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2500	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	97.2	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	98.2	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	98.5	99.1	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 1200	98.6	99.1	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 1000	98.6	99.1	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 900	98.6	99.1	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 800	98.6	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.6	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.6	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.6	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.6	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.6	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	98.6	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	98.6	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	98.6	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

1350

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT WBC
STATION NAME

5C-65

YEARS

APR
MONTH

0300-0500
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	24.9	24.9	24.9	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
≥ 2000	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 1800	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 1600	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 1400	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 1200	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 1000	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 900	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 800	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 700	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 600	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 500	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4500	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4000	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3500	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3000	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2500	91.2	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 2000	96.5	97.0	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	97.2	97.9	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	97.8	98.6	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	97.8	98.6	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	97.8	98.6	99.1	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	97.8	98.7	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	98.0	98.9	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.0	98.9	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.0	98.9	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.0	98.9	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.0	98.9	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.0	98.9	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.0	98.9	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.0	98.9	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.0	98.9	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1360

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT W8C
STATION NAME

50-65
YEARS

APR
MONTH

0600-0800
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 2000	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 1800	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 1600	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 1400	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 1200	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 1000	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 900	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 800	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 700	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 600	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 500	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4500	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4000	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3500	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3000	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2500	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2000	96.2	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	97.5	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	98.3	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	98.6	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	98.6	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	98.6	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	98.8	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.8	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.8	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.8	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.8	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.8	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	98.8	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	98.8	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	98.8	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

380

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28802

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT WBC
STATION NAME

50-65
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
≥ 20000	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 18000	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 16000	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 14000	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 12000	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 10000	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 9000	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 8000	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 7000	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 6000	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 5000	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4500	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4000	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3500	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3000	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2500	90.4	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000	96.6	97.2	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 1800	97.2	97.9	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	98.2	98.8	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3
≥ 1200	98.3	99.0	99.2	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.7
≥ 1000	98.3	99.0	99.2	99.3	99.5	99.5	99.7	99.8	99.8	99.8	99.8
≥ 900	98.3	99.0	99.2	99.3	99.5	99.5	99.7	99.8	99.8	99.8	99.8
≥ 800	98.3	99.2	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0
≥ 700	98.3	99.2	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0
≥ 600	98.3	99.2	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0
≥ 500	98.3	99.2	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0
≥ 400	98.3	99.2	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0
≥ 300	98.3	99.2	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0
≥ 200	98.3	99.2	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0
≥ 100	98.3	99.2	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0
≥ 0	98.3	99.2	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1380

1210WS
FORM
JUL 64

0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT WBC
STATION NAME

5C-65

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0	
NO CEILING	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 2000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 1800	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 1600	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 1400	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 1200	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 1000	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 900	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 800	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 700	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 600	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 500	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4000	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3500	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3000	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2500	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2000	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	98.0	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	98.3	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	98.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

1378

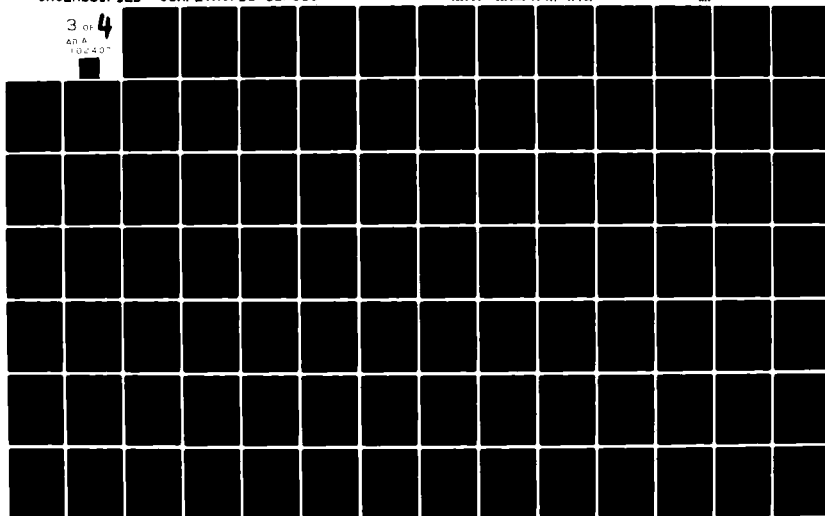
AD-A102 407 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
WAKE ISLAND INTERNATIONAL AIRPORT. REVISED UNIFORM SUMMARY OF S--ETC(U)
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3 of 4
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DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 WAKE ISLAND INT APT WBC
STATION NAME

50-65

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16
NO CEILING	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 20000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 18000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 16000	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 14000	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 12000	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 10000	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 9000	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 8000	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 7000	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 6000	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 5000	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4500	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4000	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3500	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3000	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2500	89.7	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2000	97.0	97.5	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8
≥ 1800	97.9	98.5	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 1500	98.5	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 1200	98.5	99.5	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	98.5	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 900	98.5	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 800	98.5	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	98.5	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	98.5	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	98.5	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	98.5	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	98.5	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	98.5	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	98.5	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	98.5	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1379

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 WAKE ISLAND INT APT WBC
STATION NAME

50-65

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2
NO CEILING	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
≥ 2000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 1800	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 1600	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 1400	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 1200	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 1000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 900	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 800	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 700	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 600	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 500	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 450	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 400	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3500	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3000	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2500	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2000	96.7	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	97.8	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	98.7	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	98.8	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	98.8	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	98.8	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	98.8	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	98.8	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	98.8	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	98.8	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	98.8	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	98.8	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	98.8	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	98.8	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

1379

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41406 STATION NAME WAKE ISLAND INT APT WBC 5C-65 YEARS MONTH APW 2100-2300 HOURS (LST.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING ≥ 20000	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 18000	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 16000	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 14000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 12000	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 10000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 9000	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 8000	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 7000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 6000	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 5000	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4500	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 4000	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 3500	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3000	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2500	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2000	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1800	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	99.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1379

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT 480
STATION NAME

50-65

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 20000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 18000	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 16000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 14000	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 12000	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 10000	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 9000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 8000	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 7000	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 6000	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4500	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3500	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3000	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

1426

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 STATION WAKE ISLAND INT APT W80 50-65 YEARS MONTH MAY

0300-0500
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0		
NO CEILING	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6		
≥ 20000	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5		
≥ 18000	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7		
≥ 16000	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9		
≥ 14000	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8		
≥ 12000	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7		
≥ 10000	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2		
≥ 9000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6		
≥ 8000	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9		
≥ 7000	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0		
≥ 6000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4		
≥ 5000	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4		
≥ 4500	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3		
≥ 4000	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0		
≥ 3500	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4		
≥ 3000	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5		
≥ 2500	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4		
≥ 2000	96.4	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0		
≥ 1800	97.8	98.2	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5		
≥ 1500	98.7	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4		
≥ 1200	98.9	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
≥ 1000	98.9	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
≥ 900	98.9	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
≥ 800	98.9	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
≥ 700	98.9	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
≥ 600	98.9	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
≥ 500	98.9	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
≥ 400	98.9	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
≥ 300	98.9	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
≥ 200	98.9	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
≥ 100	98.9	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
≥ 0	98.9	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		

TOTAL NUMBER OF OBSERVATIONS 1426

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

STATION
41606 WAKE ISLAND INT APT W8C
MAY
MONTH
0600-0800
HOURS (L.S.T.)

50-65

YEARS

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½
NO CEILING	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 2000	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 1800	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 1600	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 1400	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 1200	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 1000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 900	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 800	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 700	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 600	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 500	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 450	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 400	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 350	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 300	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 250	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 200	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	98.7	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	98.9	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.0	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.0	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.0	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.0	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.0	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.0	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.0	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.0	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	99.0	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	99.0	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	99.0	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1426

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

LAKE ISLAND INT APT WBC
STATION NAME

5C-65

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
≥ 2000	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 1800	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 1600	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 1400	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 1200	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1000	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 900	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 800	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 700	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 600	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 500	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4500	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2500	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2000	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

1426

TOTAL NUMBER OF OBSERVATIONS

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 STATION NAME WAKE ISLAND INT APT WBC 50-65 YEARS MONTH MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)		VISIBILITY (STATUTE MILES)														
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	≥ 20000	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
	≥ 18000	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
	≥ 16000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
	≥ 14000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
	≥ 12000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
	≥ 10000	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
	≥ 9000	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
	≥ 8000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
	≥ 7000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
	≥ 6000	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
	≥ 5000	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
	≥ 4500	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
	≥ 4000	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
	≥ 3500	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
	≥ 3000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
	≥ 2500	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
	≥ 2000	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
	≥ 1800	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
	≥ 1500	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	≥ 1200	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	≥ 1000	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	≥ 900	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	≥ 800	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	≥ 700	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	≥ 600	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	≥ 500	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	≥ 400	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	≥ 300	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	≥ 200	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	≥ 100	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	≥ 0	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1426

1210WS FORM 0-14-5 (Def 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT WBC
STATION NAME

5C-65

YEARS

MAY
MONTH

1500-1700
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
≥ 20000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 18000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 16000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 14000	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 12000	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 10000	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 9000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 8000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 7000	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 6000	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 5000	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4500	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4000	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3500	90.5	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3000	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2500	91.6	91.7	91.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2000	98.3	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	98.9	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.2	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.2	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.2	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.2	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.2	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.2	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.2	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.2	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.2	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.2	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.2	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.2	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1426

1210WS FORM 0-14-5 (Def 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT WBC
STATION NAME

50-65
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 20000	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 18000	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 16000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 14000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 12000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 10000	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 9000	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 7000	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 6000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 5000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4500	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4000	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3500	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2000	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

1424

TOTAL NUMBER OF OBSERVATIONS

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

STATION 41606 WAKE ISLAND INT APT WRC STATION NAME MAY 50-65 NORTH 2100-2300 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 20000	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 18000	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 16000	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 14000	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 12000	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 10000	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 9000	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 8000	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 7000	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 6000	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 5000	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4500	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4000	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3000	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2500	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2000	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

1426

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 STATION WAKE ISLAND INT APT WBC 50-65 YEARS MONTH JUN 0000-0200 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 20000	81.9	82.0	82.5	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 18000	82.2	82.3	82.7	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 16000	82.5	82.6	83.0	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 14000	83.0	83.1	83.5	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 12000	84.3	84.4	84.8	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 10000	85.5	85.6	86.1	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 9000	86.3	86.4	87.0	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 8000	87.0	87.2	87.7	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 7000	87.3	87.5	88.0	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 6000	87.8	88.0	88.5	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 5000	88.8	89.0	89.6	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4500	90.3	90.4	91.0	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4000	91.2	91.4	92.0	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3500	91.9	92.1	92.7	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3000	92.5	92.7	93.4	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2500	92.9	93.2	93.8	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2000	96.7	97.1	97.8	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	97.5	97.9	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	97.7	98.3	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	97.7	98.3	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	97.7	98.3	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	97.7	98.3	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	97.7	98.3	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	97.7	98.3	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	97.7	98.3	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	97.7	98.3	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	97.7	98.3	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	97.7	98.3	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	97.7	98.3	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	97.7	98.3	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	97.7	98.3	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

175

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606

LAKE ISLAND INT API WBC

50-65

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 0
NO CEILING	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 20000	77.2	77.6	77.8	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 18000	77.5	77.8	78.0	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 16000	78.0	78.4	78.6	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 14000	78.8	79.3	79.5	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 12000	80.1	80.6	80.8	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 10000	82.0	82.5	82.7	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 9000	83.0	83.4	83.6	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 8000	84.6	85.0	85.2	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 7000	85.2	85.7	85.9	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 6000	85.7	86.1	86.3	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 5000	87.0	87.5	87.7	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4500	88.3	88.7	88.9	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4000	89.5	89.9	90.1	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	91.0	91.4	91.7	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3000	92.1	92.5	92.8	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500	92.8	93.2	93.5	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	96.7	97.2	97.5	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	97.5	98.0	98.3	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	97.5	98.3	98.6	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	97.5	98.3	98.6	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	97.6	98.3	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	97.6	98.3	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	97.6	98.3	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	97.6	98.3	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	97.6	98.3	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	97.6	98.3	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	97.6	98.3	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	97.6	98.3	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	97.6	98.3	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	97.6	98.3	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	97.6	98.3	98.7	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

1330

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 WAKE ISLAND INT APT WBC
STATION NAME

50-65

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/16
NO CEILING	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
≥ 20000	74.2	74.6	74.7	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 18000	74.5	74.8	75.0	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 16000	74.8	75.2	75.3	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 14000	76.4	76.8	76.9	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 12000	78.4	78.9	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 10000	80.6	80.9	81.1	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 9000	81.4	81.8	82.0	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 8000	83.2	83.6	83.8	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 7000	84.7	85.1	85.3	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 6000	85.6	86.1	86.4	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 5000	87.1	87.6	87.9	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4500	88.4	89.0	89.3	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4000	89.8	90.4	90.7	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3500	90.8	91.4	91.7	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	91.5	92.2	92.5	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2500	91.7	92.4	92.7	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2000	96.4	97.2	97.5	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	97.2	98.3	98.5	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	97.5	98.6	98.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	97.5	98.6	98.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	97.5	98.6	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	97.5	98.6	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	97.5	98.6	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	97.5	98.6	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	97.5	98.6	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	97.5	98.6	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	97.5	98.6	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	97.5	98.6	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	97.5	98.6	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	97.5	98.6	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	97.5	98.6	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

1378

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT WBC
STATION NAME

50-65
YEARS

JUN
MONTH

0900-1100
HOURS (LST.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
≥ 20000	76.4	76.4	76.9	77.0	77.2	77.4	77.4	77.4	77.4	77.4	77.4
≥ 18000	76.6	76.9	77.1	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6
≥ 16000	77.4	77.7	77.9	78.0	78.2	78.4	78.4	78.4	78.4	78.4	78.4
≥ 14000	78.8	79.1	79.3	79.4	79.6	79.8	79.8	79.8	79.8	79.8	79.8
≥ 12000	81.1	81.5	81.7	81.8	82.0	82.2	82.2	82.2	82.2	82.2	82.2
≥ 10000	83.3	83.8	84.0	84.1	84.3	84.5	84.5	84.5	84.5	84.5	84.5
≥ 9000	84.3	84.8	85.1	85.2	85.4	85.6	85.6	85.6	85.6	85.6	85.6
≥ 8000	85.8	86.3	86.7	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2
≥ 7000	86.7	87.2	87.5	87.7	88.0	88.1	88.1	88.1	88.1	88.1	88.1
≥ 6000	86.9	87.5	87.8	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4
≥ 5000	87.7	88.2	88.5	88.8	89.1	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4500	88.8	89.3	89.7	89.9	90.2	90.4	90.4	90.4	90.4	90.4	90.4
≥ 4000	90.0	90.5	90.9	91.2	91.4	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3500	90.4	90.9	91.4	91.6	91.9	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	90.6	91.2	91.7	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2500	91.1	91.7	92.2	92.4	92.7	92.8	93.0	93.0	93.0	93.0	93.0
≥ 2000	96.1	96.8	97.2	97.5	97.8	97.9	98.0	98.1	98.1	98.1	98.1
≥ 1800	96.7	97.5	98.0	98.2	98.5	98.6	98.8	98.9	98.9	98.9	98.9
≥ 1500	97.1	98.0	98.5	98.8	99.2	99.3	99.6	99.8	99.8	99.8	99.8
≥ 1200	97.1	98.1	98.5	98.8	99.3	99.4	99.6	99.9	99.9	99.9	99.9
≥ 1000	97.2	98.2	98.6	98.9	99.4	99.6	99.8	100.0	100.0	100.0	100.0
≥ 900	97.2	98.2	98.6	98.9	99.4	99.6	99.8	100.0	100.0	100.0	100.0
≥ 800	97.2	98.2	98.6	98.9	99.4	99.6	99.8	100.0	100.0	100.0	100.0
≥ 700	97.2	98.2	98.6	98.9	99.4	99.6	99.8	100.0	100.0	100.0	100.0
≥ 600	97.2	98.2	98.6	98.9	99.4	99.6	99.8	100.0	100.0	100.0	100.0
≥ 500	97.2	98.2	98.6	98.9	99.4	99.6	99.8	100.0	100.0	100.0	100.0
≥ 400	97.2	98.2	98.6	98.9	99.4	99.6	99.8	100.0	100.0	100.0	100.0
≥ 300	97.2	98.2	98.6	98.9	99.4	99.6	99.8	100.0	100.0	100.0	100.0
≥ 200	97.2	98.2	98.6	98.9	99.4	99.6	99.8	100.0	100.0	100.0	100.0
≥ 100	97.2	98.2	98.6	98.9	99.4	99.6	99.8	100.0	100.0	100.0	100.0
≥ 0	97.2	98.2	98.6	98.9	99.4	99.6	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1379

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT WBC
STATION NAME

5G-65

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0	
NO CEILING	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	
≥ 20000	76.4	76.7	76.7	76.7	76.8	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	24.9
≥ 18000	77.1	77.4	77.4	77.4	77.4	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.2
≥ 16000	77.7	78.0	78.0	78.0	78.1	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	77.8
≥ 14000	79.0	79.3	79.3	79.3	79.3	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	78.5
≥ 12000	81.1	81.4	81.4	81.4	81.5	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	79.7
≥ 10000	82.3	82.6	82.6	82.7	82.8	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	81.9
≥ 9000	83.0	83.3	83.3	83.4	83.5	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.2
≥ 8000	84.0	84.5	84.6	84.6	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	83.9
≥ 7000	84.8	85.4	85.4	85.5	85.6	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	85.1
≥ 6000	85.2	85.9	85.9	86.0	86.1	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.0
≥ 5000	86.7	87.3	87.4	87.5	87.6	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	86.5
≥ 4500	87.1	87.7	87.8	87.9	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.0
≥ 4000	89.2	89.8	90.0	90.1	90.2	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	88.4
≥ 3500	89.5	90.1	90.3	90.4	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.6
≥ 3000	89.7	90.4	90.5	90.6	90.8	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	90.9
≥ 2500	89.8	90.5	90.6	90.7	90.9	91.3	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	90.9
≥ 2000	95.4	96.2	96.4	96.5	96.8	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	91.2
≥ 1800	96.5	97.4	97.5	97.7	98.0	98.3	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	91.6
≥ 1500	97.0	98.1	98.3	98.5	98.8	99.2	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	91.6
≥ 1200	97.0	98.2	98.4	98.5	98.9	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	97.5
≥ 1000	97.0	98.2	98.4	98.5	99.0	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	98.7
≥ 900	97.0	98.2	98.4	98.5	99.0	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.6
≥ 800	97.1	98.3	98.5	98.7	99.1	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	99.8
≥ 700	97.1	98.3	98.5	98.7	99.1	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	99.8
≥ 600	97.1	98.3	98.5	98.7	99.1	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.1	98.3	98.5	98.7	99.1	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.1	98.3	98.5	98.7	99.1	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.1	98.3	98.5	98.7	99.1	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.1	98.3	98.5	98.7	99.1	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.1	98.3	98.5	98.7	99.1	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.1	98.3	98.5	98.7	99.1	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1319

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT WBC
STATION NAME

50-65
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)		VISIBILITY (STATUTE MILES)														
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 20000		77.4	77.5	77.9	77.9	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 18000		78.6	78.7	79.1	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 16000		79.3	79.5	79.9	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 14000		80.8	80.9	81.3	81.3	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 12000		82.7	82.8	83.2	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 10000		84.3	84.5	84.9	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 9000		84.6	84.8	85.3	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 8000		85.8	85.9	86.4	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 7000		86.7	86.9	87.4	87.4	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 6000		87.3	87.5	88.0	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 5000		88.6	88.7	89.3	89.3	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4500		89.2	89.3	89.9	89.9	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 4000		91.2	91.4	92.0	92.0	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3500		91.5	91.7	92.3	92.3	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3000		91.6	91.8	92.4	92.4	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2500		92.0	92.2	92.8	92.8	93.1	93.3	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2000		96.0	96.4	97.0	97.0	97.4	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800		96.7	97.3	97.9	97.9	98.3	98.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500		97.2	97.9	98.5	98.5	98.8	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200		97.2	98.0	98.6	98.6	99.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000		97.2	98.0	98.6	98.6	99.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900		97.2	98.0	98.6	98.6	99.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800		97.2	98.0	98.6	98.6	99.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700		97.2	98.0	98.6	98.6	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		97.2	98.0	98.6	98.6	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		97.2	98.0	98.6	98.6	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		97.2	98.0	98.6	98.6	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		97.2	98.0	98.6	98.6	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		97.2	98.0	98.6	98.6	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		97.2	98.0	98.6	98.6	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		97.2	98.0	98.6	98.6	99.1	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1380

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT WBC
STATION NAME

50-65
YEARS

JUN
MONTH

1800-2000
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ 0
NO CEILING	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
≥ 2000	78.0	78.1	78.5	78.6	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 1800	78.6	78.7	79.1	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 1600	78.8	79.0	79.3	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1400	79.8	79.9	80.3	80.4	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1200	82.0	82.1	82.5	82.5	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1000	83.3	83.5	83.8	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 900	84.1	84.3	84.8	84.9	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 800	85.3	85.4	85.9	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 700	85.9	86.1	86.6	86.7	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 600	86.7	86.9	87.4	87.5	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 500	88.3	88.5	89.0	89.1	89.1	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4
≥ 450	89.2	89.4	89.9	90.0	90.1	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4
≥ 400	90.7	90.9	91.4	91.5	91.7	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0
≥ 350	91.4	91.7	92.2	92.2	92.4	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7
≥ 300	91.7	92.0	92.5	92.5	92.7	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0
≥ 250	92.0	92.2	92.7	92.8	92.9	93.0	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 200	96.4	96.7	97.3	97.4	97.6	97.8	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.4
≥ 1800	97.1	97.5	98.1	98.2	98.4	98.6	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	97.5	98.0	98.6	98.7	98.9	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	97.5	98.1	98.7	98.8	99.0	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 1000	97.5	98.1	98.7	98.8	99.0	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 900	97.5	98.1	98.7	98.8	99.0	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 800	97.5	98.1	98.7	98.8	99.0	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 700	97.5	98.1	98.7	98.8	99.0	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 600	97.5	98.1	98.7	98.8	99.0	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 500	97.5	98.1	98.7	98.8	99.0	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	97.5	98.1	98.7	98.8	99.0	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	97.5	98.1	98.7	98.8	99.0	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	97.5	98.1	98.7	98.8	99.0	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	97.5	98.1	98.7	98.8	99.0	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	97.5	98.1	98.7	98.8	99.0	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1380

1210WS FORM JUL 64 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

STATION NAME WAKE ISLAND INT API 480C YEAR 50-65 MONTH JUN
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)
2100-2300
 HOURS (LST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 0
NO CEILING	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
≥ 2000	84.6	84.9	85.4	85.4	85.6	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	84.9	85.2	85.7	85.7	85.9	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1600	85.2	85.5	86.0	86.0	86.1	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1400	85.7	86.0	86.5	86.7	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1200	87.0	87.3	87.8	88.0	88.2	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1000	88.1	88.4	88.9	89.1	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5
≥ 900	88.6	88.9	89.5	89.7	89.8	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 800	89.2	89.5	90.1	90.3	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 700	89.6	89.8	90.4	90.6	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 600	90.0	90.3	90.9	91.1	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 500	91.0	91.3	91.9	92.1	92.2	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5
≥ 450	91.7	92.0	92.6	92.8	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2
≥ 400	92.1	92.4	93.0	93.2	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 350	92.5	92.8	93.4	93.6	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 300	92.7	93.0	93.5	93.8	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 250	93.3	93.7	94.3	94.5	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 200	97.0	97.5	98.1	98.3	98.5	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	97.5	98.0	98.6	98.8	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	97.6	98.1	98.9	99.1	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	97.6	98.1	98.9	99.1	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	97.6	98.1	98.9	99.1	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	97.6	98.1	99.0	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	97.6	98.1	99.0	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.6	98.1	99.0	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.6	98.1	99.0	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.6	98.1	99.0	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.6	98.1	99.0	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.6	98.1	99.0	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.6	98.1	99.0	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.6	98.1	99.0	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.6	98.1	99.0	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1379

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 STATION WAKE ISLAND INT APT WBC 50-64 YEARS MONTH JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
≥ 20000	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 18000	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 16000	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 14000	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 12000	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 10000	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 9000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 8000	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 7000	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 6000	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 5000	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4500	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4000	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3500	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2500	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	97.3	97.6	97.6	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9
≥ 1800	98.1	98.6	98.7	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1
≥ 1500	98.6	99.1	99.3	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.8
≥ 1200	98.6	99.1	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9
≥ 1000	98.6	99.1	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9
≥ 900	98.6	99.1	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9
≥ 800	98.6	99.1	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9
≥ 700	98.6	99.1	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9
≥ 600	98.6	99.1	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9
≥ 500	98.6	99.1	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9
≥ 400	98.6	99.1	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9
≥ 300	98.6	99.1	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9
≥ 200	98.6	99.1	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9
≥ 100	98.6	99.1	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9
≥ 0	98.6	99.1	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS 1195

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41406
STATION

WAKE ISLAND INT API WBO
STATION NAME

50-64

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
≥ 20000	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 18000	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 16000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 14000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 12000	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 10000	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 9000	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 8000	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 7000	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 6000	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 5000	87.2	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4500	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4000	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3500	88.8	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3000	89.3	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2500	89.5	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2000	95.2	95.9	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	96.8	97.6	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	97.6	98.4	98.6	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 1200	97.7	98.6	98.9	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 1000	97.7	98.6	98.9	99.2	99.6	99.6	99.6	99.7	99.7	99.8	99.8
≥ 900	97.7	98.6	98.9	99.2	99.6	99.6	99.6	99.7	99.7	99.8	99.8
≥ 800	97.7	98.6	98.9	99.2	99.6	99.6	99.6	99.7	99.7	99.8	99.8
≥ 700	97.7	98.6	98.9	99.2	99.6	99.6	99.6	99.7	99.7	99.9	99.9
≥ 600	97.7	98.6	98.9	99.2	99.6	99.6	99.6	99.7	99.7	99.9	99.9
≥ 500	97.7	98.6	98.9	99.2	99.6	99.6	99.6	99.7	99.7	99.9	99.9
≥ 400	97.7	98.6	98.9	99.2	99.6	99.6	99.6	99.7	99.7	99.9	99.9
≥ 300	97.7	98.6	98.9	99.2	99.6	99.6	99.6	99.7	99.7	99.9	99.9
≥ 200	97.7	98.6	98.9	99.2	99.6	99.6	99.6	99.7	99.7	99.9	99.9
≥ 100	97.7	98.6	98.9	99.2	99.6	99.6	99.6	99.7	99.7	99.9	99.9
≥ 0	97.7	98.6	98.9	99.2	99.6	99.6	99.6	99.7	99.7	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

1393

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

STATION 41606 LAKE ISLAND INT APT WAC STATION NAME 50-64 YEARS MONTH JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/16
NO CEILING	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 20000	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 18000	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 16000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 14000	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 12000	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 10000	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 9000	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 8000	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 7000	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 6000	85.7	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 5000	87.5	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4500	87.8	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4000	88.9	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3500	89.0	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3000	89.4	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2500	89.7	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2000	94.8	95.5	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	96.2	97.5	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	97.1	98.4	98.7	99.0	99.1	99.1	99.1	99.3	99.4	99.4	99.4	99.4
≥ 1200	97.2	98.5	98.8	99.1	99.1	99.1	99.1	99.4	99.5	99.6	99.8	99.8
≥ 1000	97.2	98.5	98.8	99.1	99.1	99.1	99.1	99.4	99.5	99.6	99.8	99.8
≥ 900	97.2	98.5	98.8	99.1	99.1	99.1	99.1	99.4	99.5	99.6	99.8	99.8
≥ 800	97.2	98.5	98.8	99.1	99.1	99.2	99.2	99.3	99.5	99.6	99.9	99.9
≥ 700	97.2	98.5	98.8	99.1	99.2	99.2	99.3	99.3	99.5	99.6	99.9	99.9
≥ 600	97.2	98.5	98.9	99.2	99.3	99.3	99.4	99.6	99.6	99.8	99.9	99.9
≥ 500	97.2	98.6	98.9	99.3	99.4	99.4	99.4	99.6	99.7	99.9	100.0	100.0
≥ 400	97.2	98.6	98.9	99.3	99.4	99.4	99.4	99.6	99.7	99.9	100.0	100.0
≥ 300	97.2	98.6	98.9	99.3	99.4	99.4	99.4	99.6	99.7	99.9	100.0	100.0
≥ 200	97.2	98.6	98.9	99.3	99.4	99.4	99.4	99.6	99.7	99.9	100.0	100.0
≥ 100	97.2	98.6	98.9	99.3	99.4	99.4	99.4	99.6	99.7	99.9	100.0	100.0
≥ 0	97.2	98.6	98.9	99.3	99.4	99.4	99.4	99.6	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1393

1210WS FORM 0-14-5 (Dot 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC, USAF
ASMEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 STATION WAKE ISLAND INT APT WBC 50-64 JUL MONTH 0900-1100 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 20000	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 18000	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 16000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 14000	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 12000	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 10000	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8
≥ 9000	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2
≥ 8000	86.9	87.4	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6
≥ 7000	87.6	88.2	88.3	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5
≥ 6000	88.2	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 5000	89.4	90.1	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4
≥ 4500	89.6	90.3	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6
≥ 4000	90.5	91.2	91.3	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5
≥ 3500	90.7	91.4	91.5	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8
≥ 3000	91.0	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2500	91.3	92.0	92.2	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4
≥ 2000	96.2	97.1	97.2	97.3	97.3	97.3	97.4	97.5	97.5	97.5	97.5
≥ 1800	97.3	98.4	98.6	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.0
≥ 1500	97.9	99.1	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8
≥ 1200	97.9	99.1	99.3	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9
≥ 1000	97.9	99.1	99.3	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9
≥ 900	97.9	99.1	99.3	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9
≥ 800	97.9	99.1	99.3	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9
≥ 700	97.9	99.1	99.3	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9
≥ 600	97.9	99.1	99.3	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9
≥ 500	97.9	99.1	99.3	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9
≥ 400	97.9	99.1	99.3	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9
≥ 300	97.9	99.1	99.3	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9
≥ 200	97.9	99.1	99.3	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9
≥ 100	97.9	99.1	99.3	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9
≥ 0	97.9	99.1	99.3	99.6	99.6	99.6	99.7	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

1495

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

STATION 41606 WAKE ISLAND INT APT XBC STATION NAME 50-64 YEARS JUL MONTH 1200-1400 HOURS (LST.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)		VISIBILITY (STATUTE MILES)														
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
≥ 20000		75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 18000		76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 16000		77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000		79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 12000		82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 10000		85.8	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 9000		86.4	86.5	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 8000		87.5	87.7	87.8	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 7000		88.3	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 6000		88.5	88.7	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 5000		89.7	89.9	90.0	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4500		90.0	90.3	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4000		90.8	91.0	91.3	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3500		90.9	91.1	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3000		91.3	91.5	91.8	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2500		91.7	91.9	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000		96.6	97.0	97.3	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800		97.8	98.2	98.5	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500		98.3	98.6	99.0	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200		98.3	98.8	99.2	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		98.3	98.8	99.2	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		98.3	98.8	99.2	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		98.3	98.8	99.2	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		98.3	98.8	99.2	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		98.3	98.8	99.2	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		98.3	98.8	99.2	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		98.3	98.8	99.2	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.3	98.8	99.2	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.3	98.8	99.2	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.3	98.8	99.2	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		98.3	98.8	99.2	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1395

TOTAL NUMBER OF OBSERVATIONS

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 STATION WAKE ISLAND INT APT WBC 50-64 YEARS MONTH JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
≥ 20000	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 18000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 16000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 14000	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 12000	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 10000	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 9000	87.1	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 8000	88.9	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 7000	89.6	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 6000	90.3	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 5000	91.5	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4500	91.6	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4000	92.5	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 3500	92.5	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3000	92.6	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2500	93.3	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2000	96.9	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	98.0	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	98.6	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	98.6	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	98.6	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	98.6	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.6	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.6	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.6	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.6	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.6	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.6	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	98.6	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	98.6	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	98.6	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1391

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606

LAKE ISLAND INT APT WBC

50-64

YEARS

JUL

STATION NAME

MONTH

1900-000
HOURS (LST.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1 1/8	≥ 1
NO CEILING	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
≥ 20000	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 18000	77.3	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 16000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 14000	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 12000	85.7	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 10000	88.3	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 9000	89.0	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 8000	90.3	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 7000	90.3	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 6000	90.9	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 5000	92.0	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4500	92.3	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4000	93.8	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3500	94.1	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000	94.1	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2500	94.6	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	97.3	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

1395

1210WS FORM 0-14-5 (Def 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JUL 64

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

STATION 41606 WAKE ISLAND INT APT WBO STATION NAME 50-64 YEARS MONTH JUL

2100-2300
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
≥ 20000	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 18000	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 16000	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 14000	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 12000	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 10000	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 9000	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 8000	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 7000	92.1	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 6000	92.2	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 5000	93.2	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4500	93.4	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 4000	94.1	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3500	94.2	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3000	94.3	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	97.5	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6
≥ 1800	97.9	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥ 1500	98.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	98.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	98.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	98.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	98.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	98.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	98.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1395

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 STATION MAKE ISLAND INT API WBC STATION NAME 5C-64 YEARS MONTH AUG 0000-0200 HOURS (LST.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½
NO CEILING	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
≥ 20000	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 18000	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 16000	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 14000	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 12000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 10000	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 9000	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 8000	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 7000	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 6000	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 5000	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 4500	90.0	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4000	90.6	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3500	91.1	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3000	91.5	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2500	91.8	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2000	96.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	97.3	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	97.9	98.9	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	97.9	99.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	97.9	99.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	97.9	99.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	97.9	99.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	97.9	99.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	97.9	99.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	97.9	99.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	97.9	99.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	97.9	99.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	97.9	99.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	97.9	99.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	97.9	99.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

195

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT API WBC
STATION NAME

50-64
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 20000	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 18000	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 16000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 14000	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 12000	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 10000	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 9000	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 8000	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 7000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 6000	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 5000	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4500	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3500	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000	95.8	96.4	96.7	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0
≥ 1800	97.3	98.0	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7
≥ 1500	97.6	98.7	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6
≥ 1200	97.7	98.9	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 1000	97.7	98.9	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 900	97.7	98.9	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 800	97.7	98.9	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 700	97.7	98.9	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 600	97.7	98.9	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 500	97.7	98.9	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 400	97.7	98.9	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 300	97.7	98.9	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 200	97.7	98.9	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 100	97.7	98.9	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 0	97.7	98.9	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

1395

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28901

CEILING VERSUS VISIBILITY

41606 STATION WAKE ISLAND INT API WBC 50-64 YEARS MONTH AUG 0600-0800 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16
NO CEILING	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
≥ 20000	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 18000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 16000	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 14000	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 12000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 10000	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 9000	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 8000	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 7000	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 6000	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4500	87.9	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4000	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3500	89.8	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3000	90.1	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2500	90.4	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2000	95.0	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 1800	96.6	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 1500	97.7	99.0	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4
≥ 1200	97.8	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7
≥ 1000	97.8	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.8	99.8	99.8
≥ 900	97.8	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.8	99.8	99.8
≥ 800	97.8	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.9	99.9	99.9
≥ 700	97.8	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.9	99.9	99.9
≥ 600	97.8	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.6	99.7	100.0	100.0	100.0
≥ 500	97.8	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.6	99.7	100.0	100.0	100.0
≥ 400	97.8	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.6	99.7	100.0	100.0	100.0
≥ 300	97.8	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.6	99.7	100.0	100.0	100.0
≥ 200	97.8	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.6	99.7	100.0	100.0	100.0
≥ 100	97.8	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.6	99.7	100.0	100.0	100.0
≥ 0	97.8	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.6	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1393

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 STATION NAME MAKE ISLAND INT APT WBC

50-64

AUG
MONTH

0900-1100
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4
NO CEILING	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
≥ 2000	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 1800	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 1600	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 1400	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 1200	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1000	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 900	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 800	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 700	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 600	88.5	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 500	89.5	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 450	89.8	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 400	90.6	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3500	90.9	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3000	91.1	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2500	91.3	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2000	95.9	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800	96.8	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	97.8	98.6	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	97.8	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1
≥ 1000	97.8	98.6	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4
≥ 900	97.8	98.6	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4
≥ 800	97.8	98.7	99.0	99.2	99.3	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7
≥ 700	97.8	98.7	99.0	99.2	99.3	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7
≥ 600	97.8	98.7	99.0	99.2	99.3	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7
≥ 500	97.8	98.7	99.0	99.2	99.3	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7
≥ 400	97.8	98.7	99.0	99.2	99.3	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7
≥ 300	97.8	98.7	99.0	99.2	99.3	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7
≥ 200	97.8	98.7	99.0	99.2	99.3	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7
≥ 100	97.8	98.7	99.0	99.2	99.3	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7
0	97.8	98.7	99.0	99.2	99.3	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

1395

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

STATION NAME
41606 WAKE ISLAND INT APT 46C
YEARS
50-64
MONTH
AUG
HOURS (L.S.T.)
1200-1400

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9
≥ 20000	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 18000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 16000	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 14000	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 12000	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 10000	88.2	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 9000	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 8000	90.0	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 7000	90.5	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 6000	90.9	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 5000	92.2	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4500	92.5	93.0	93.0	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 4000	93.0	93.5	93.5	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3500	93.2	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3000	93.3	93.7	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2500	93.4	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2000	96.7	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	97.5	98.2	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	98.1	98.8	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	98.3	99.0	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	98.3	99.0	99.3	99.4	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	98.3	99.0	99.3	99.4	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.3	99.0	99.4	99.4	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.3	99.0	99.4	99.4	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.3	99.0	99.4	99.4	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.3	99.0	99.4	99.4	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.3	99.0	99.4	99.4	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.3	99.0	99.4	99.4	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.3	99.0	99.4	99.4	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.3	99.0	99.4	99.4	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.3	99.0	99.4	99.4	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1395

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 WAKE ISLAND INT APT 4B0
STATION NAME

5C-64

YEARS

AUG
MONTH

1500-1700
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
≥ 20000	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 18000	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 16000	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 14000	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 12000	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 10000	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 9000	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 8000	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 7000	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 6000	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 5000	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 4500	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4000	91.5	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3500	91.5	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3000	91.5	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2500	91.6	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	96.1	96.8	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1800	97.1	97.8	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3
≥ 1500	97.6	98.3	98.7	98.7	99.0	99.1	99.2	99.2	99.2	99.2	99.2
≥ 1200	97.7	98.4	98.9	99.0	99.1	99.2	99.6	99.6	99.6	99.6	99.6
≥ 1000	97.7	98.5	99.0	99.0	99.3	99.4	99.8	99.8	99.8	99.8	99.8
≥ 900	97.7	98.5	99.0	99.0	99.4	99.4	99.8	99.8	99.8	99.8	99.8
≥ 800	97.7	98.5	99.0	99.0	99.4	99.4	99.8	99.8	99.8	99.8	99.8
≥ 700	97.7	98.5	99.0	99.0	99.4	99.4	99.8	99.8	99.8	99.8	99.8
≥ 600	97.7	98.5	99.0	99.0	99.4	99.4	99.8	99.8	99.8	99.8	99.8
≥ 500	97.7	98.5	99.0	99.0	99.4	99.4	99.8	99.8	99.8	99.8	99.8
≥ 400	97.7	98.5	99.0	99.0	99.4	99.4	99.8	99.8	99.8	99.8	99.8
≥ 300	97.7	98.5	99.0	99.0	99.4	99.4	99.8	99.8	99.8	99.8	99.8
≥ 200	97.7	98.5	99.0	99.0	99.4	99.4	99.8	99.8	99.8	99.8	99.8
≥ 100	97.7	98.5	99.0	99.0	99.4	99.4	99.8	99.8	99.8	99.8	99.8
≥ 0	97.7	98.5	99.0	99.0	99.4	99.4	99.8	99.8	99.8	99.8	99.8

1394

TOTAL NUMBER OF OBSERVATIONS

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT WBC
STATION NAME

50-64

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
≥ 20000	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 18000	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 16000	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 12000	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 10000	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 9000	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 8000	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 7000	90.5	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 6000	90.7	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 5000	91.3	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4500	92.0	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4000	92.4	92.8	92.8	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3500	92.5	92.9	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3000	92.7	93.0	93.1	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	92.8	93.2	93.3	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6
≥ 2000	95.7	96.3	96.4	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8
≥ 1800	97.1	97.8	98.1	98.1	98.4	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6
≥ 1500	97.6	98.7	99.0	99.0	99.3	99.3	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6
≥ 1200	97.7	98.9	99.1	99.2	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	97.7	98.9	99.1	99.2	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	97.7	98.9	99.1	99.2	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	97.7	98.9	99.1	99.2	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	97.7	98.9	99.1	99.2	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	97.7	98.9	99.1	99.2	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	97.7	98.9	99.1	99.2	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	97.7	98.9	99.1	99.2	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	97.7	98.9	99.1	99.2	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	97.7	98.9	99.1	99.2	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	97.7	98.9	99.1	99.2	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	97.7	98.9	99.1	99.2	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

394

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JUL 64

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

STATION 41606 WAKE ISLAND INT APT W8C STATION NAME 50-64 YEARS MONTH AUC
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 2100-2300 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 20000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 18000	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 16000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 14000	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 12000	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 10000	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 9000	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 8000	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 7000	89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 6000	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 5000	90.6	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4500	90.8	91.4	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4000	91.4	92.3	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3500	91.6	92.5	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	91.7	92.9	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	91.9	93.1	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2000	95.3	96.9	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	96.1	96.0	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	96.5	98.5	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	96.7	98.6	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	96.7	98.6	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	96.7	98.6	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	96.7	98.6	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	96.7	98.6	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	96.7	98.6	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	96.7	98.6	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	96.7	98.6	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	96.7	98.6	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	96.7	98.6	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	96.7	98.6	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	96.7	98.6	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1391

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT WBO
STATION NAME

50-64
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2
NO CEILING	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
≥ 20000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 18000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 16000	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 14000	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 12000	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 10000	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 9000	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 8000	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 7000	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 6000	89.3	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 5000	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4500	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4000	90.4	90.5	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3500	90.5	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3000	90.9	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	91.1	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2000	95.4	95.8	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800	96.7	97.4	98.0	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	97.3	98.2	99.0	99.1	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6
≥ 1200	97.3	98.2	99.0	99.1	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6
≥ 1000	97.4	98.3	99.3	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 900	97.4	98.3	99.3	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 800	97.4	98.3	99.3	99.4	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9
≥ 700	97.4	98.3	99.3	99.4	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9
≥ 600	97.4	98.3	99.3	99.4	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9
≥ 500	97.4	98.3	99.3	99.4	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9
≥ 400	97.4	98.3	99.3	99.4	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9
≥ 300	97.4	98.3	99.3	99.4	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9
≥ 200	97.4	98.3	99.3	99.4	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9
≥ 100	97.4	98.3	99.3	99.4	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9
≥ 0	97.4	98.3	99.3	99.4	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

1344

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 STATION WAKE ISLAND INT APT WBC 50-64 YEARS MONTH SEP 0300-0500 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 5/16
NO CEILING	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 20000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 18000	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 16000	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 14000	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 12000	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 10000	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 9000	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 8000	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 7000	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 6000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 5000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4500	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 4000	91.4	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3500	92.0	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3000	92.6	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2500	92.8	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2000	95.8	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	96.9	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	97.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	97.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	97.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	97.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	97.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	97.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	97.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	97.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	97.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	97.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	97.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	97.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	97.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

144

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

STATION 41606 WAKE ISLAND INT APT WBC STATION NAME 50-64 YEARS MONTH SLP 0600-0200 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
≥ 20000	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 18000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 16000	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 14000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 12000	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 10000	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 9000	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 8000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 7000	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 6000	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 5000	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 4500	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4000	90.9	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3500	91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3000	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	91.7	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2000	95.3	95.7	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	98.4	98.9	99.1	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 1200	98.5	99.1	99.3	99.3	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 1000	98.6	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 900	98.6	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.8	99.8	99.9	99.9
≥ 800	98.6	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.9	99.9	99.9	99.9
≥ 700	98.6	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.9	99.9	99.9	99.9
≥ 600	98.6	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.9	99.9	99.9	99.9
≥ 500	98.6	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.9	99.9	99.9	99.9
≥ 400	98.6	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.9	99.9	99.9	99.9
≥ 300	98.6	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.9	99.9	99.9	99.9
≥ 200	98.6	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.9	99.9	99.9	99.9
≥ 100	98.6	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.9	99.9	99.9	99.9
≥ 0	98.6	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1345

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 STATION WAKE ISLAND INT APT WBC 50-64 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) MONTH SEP 0900-1100 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
≥ 20000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 18000	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 16000	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 14000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 12000	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 10000	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 9000	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 8000	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 7000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 6000	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 5000	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4500	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3500	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 200	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 100	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS 1543

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 STATION WAKE ISLAND INT APT W8C 50-64 YEARS MONTH SEP
1200-1400 HOURS (LST.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 20000	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 18000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 16000	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 14000	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 12000	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 10000	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 9000	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 8000	87.0	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 7000	87.5	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 6000	88.1	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 5000	89.3	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4500	89.8	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4000	90.0	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3500	90.3	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3000	90.9	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 2500	91.1	91.5	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2000	97.2	97.6	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	98.7	99.1	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	98.7	99.3	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	98.7	99.3	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	98.8	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	98.8	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.8	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.8	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.8	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.8	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.8	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.8	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	98.8	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	98.8	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	98.8	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1341

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 STATION WAKE ISLAND INT APT WBC STATION NAME 50-64 YEARS MONTH SEP 1500-1700 HOURS (LST.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼
NO CEILING	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
≥ 20000	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 18000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 16000	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 14000	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 12000	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 10000	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 9000	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 8000	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 7000	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 6000	89.9	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 5000	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4500	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4000	91.4	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3500	91.7	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2500	92.6	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	97.0	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	98.6	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	98.7	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	98.8	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	98.8	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	98.8	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	98.8	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	98.8	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	98.8	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	98.8	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	98.8	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	98.8	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	98.8	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	98.8	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	98.8	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

1143

TOTAL NUMBER OF OBSERVATIONS

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 STATION WAKE ISLAND INT API WBC

50-64

50 P
MONTH

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2
NO CEILING	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
≥ 20000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 18000	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 16000	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 14000	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 12000	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 10000	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 9000	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 8000	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 7000	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 6000	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 5000	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4500	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 4000	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3500	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1800	98.1	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	98.6	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	98.7	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	98.7	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	98.7	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	98.7	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	98.7	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	98.7	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	98.7	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	98.7	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	98.7	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	98.7	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	98.7	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	98.7	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

1344

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT WBC
STATION NAME

50-64

YEARS

SEP
MONTH

2100-2300
HOURS (LST.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½
NO CEILING	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
≥ 20000	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 18000	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 16000	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 14000	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 12000	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 10000	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 9000	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 8000	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 7000	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 6000	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 5000	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 4500	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4000	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3500	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3000	92.9	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2500	93.1	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2000	96.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	97.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	97.8	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	97.8	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	97.8	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	97.8	99.0	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	97.8	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	97.8	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	97.8	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	97.8	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	97.8	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	97.8	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	97.8	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	97.8	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	97.8	99.0	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

143

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT WBC
STATION NAME

50-64
YEARS

CCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)		VISIBILITY (STATUTE MILES)														
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	≥ 20000	22.2 74.4	22.2 74.4	22.2 74.4	22.2 74.4	22.2 74.4	22.2 74.4	22.2 74.4	22.2 74.4	22.2 74.4	22.2 74.4	22.2 74.4	22.2 74.4	22.2 74.4	22.2 74.4	22.2 74.4
	≥ 18000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
	≥ 16000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
	≥ 14000	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
	≥ 12000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
	≥ 10000	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
	≥ 9000	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
	≥ 8000	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
	≥ 7000	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
	≥ 6000	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
	≥ 5000	86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
	≥ 4500	86.6	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
	≥ 4000	87.2	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
	≥ 3500	88.1	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
	≥ 3000	89.4	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
	≥ 2500	89.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2000	89.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	
≥ 1800	94.3	95.5	95.8	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	
≥ 1500	95.8	97.3	97.7	97.8	98.1	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	
≥ 1200	96.3	98.0	98.5	98.6	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	
≥ 1000	96.3	98.1	98.6	98.6	99.0	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	
≥ 900	96.4	98.1	98.7	98.8	99.2	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	
≥ 800	96.4	98.1	98.7	98.8	99.2	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	
≥ 700	96.4	98.1	98.8	98.9	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
≥ 600	96.4	98.1	98.8	98.9	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	
≥ 500	96.4	98.1	98.8	98.9	99.4	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	
≥ 400	96.4	98.1	98.8	98.9	99.4	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	
≥ 300	96.4	98.1	98.8	98.9	99.4	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	
≥ 200	96.4	98.1	98.8	98.9	99.4	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	
≥ 100	96.4	98.1	98.8	98.9	99.4	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	
≥ 0	96.4	98.1	98.8	98.9	99.4	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	

TOTAL NUMBER OF OBSERVATIONS

1223

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT WBC
STATION NAME

5C-64

YEARS

CCF
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16	≥ 1/4	
NO CEILING	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
≥ 20000	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 18000	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 16000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 14000	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 12000	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 10000	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 9000	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 8000	85.0	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 7000	85.7	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 6000	86.1	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 5000	86.2	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4500	86.7	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 4000	88.1	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3500	88.7	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3000	89.4	90.2	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2500	89.7	90.6	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2000	94.6	95.8	96.3	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800	95.6	97.1	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	96.3	97.8	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	96.4	97.9	98.8	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	96.5	98.0	98.9	99.1	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	96.5	98.0	98.9	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	96.5	98.1	98.9	99.3	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	96.5	98.1	98.9	99.4	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	96.5	98.1	98.9	99.4	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	96.5	98.1	98.9	99.4	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	96.5	98.1	98.9	99.4	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	96.5	98.1	98.9	99.4	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	96.5	98.1	98.9	99.4	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	96.5	98.1	98.9	99.4	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	96.5	98.1	98.9	99.4	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1393

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT WBC
STATION NAME

50-64

001
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 0
NO CEILING	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
≥ 20000	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 18000	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 16000	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 14000	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 12000	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 10000	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 9000	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 8000	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 7000	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 6000	85.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 5000	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4500	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 4000	87.9	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3500	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3000	89.2	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2500	89.3	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2000	93.9	94.7	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1800	96.0	96.9	97.3	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6
≥ 1500	97.2	98.5	98.9	98.9	98.9	99.0	99.2	99.2	99.3	99.3	99.3
≥ 1200	97.3	98.7	99.1	99.1	99.2	99.3	99.5	99.5	99.6	99.6	99.6
≥ 1000	97.4	98.9	99.3	99.4	99.4	99.5	99.7	99.7	99.8	99.8	99.8
≥ 900	97.4	98.9	99.3	99.4	99.4	99.5	99.7	99.7	99.8	99.8	99.8
≥ 800	97.5	98.9	99.4	99.4	99.5	99.6	99.9	99.9	99.9	99.9	99.9
≥ 700	97.5	98.9	99.4	99.4	99.5	99.6	99.9	99.9	99.9	99.9	99.9
≥ 600	97.5	98.9	99.4	99.4	99.5	99.6	99.9	99.9	99.9	99.9	99.9
≥ 500	97.5	98.9	99.4	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9
≥ 400	97.5	98.9	99.4	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9
≥ 300	97.5	98.9	99.4	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9
≥ 200	97.5	98.9	99.4	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9
≥ 100	97.5	98.9	99.4	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9
≥ 0	97.5	98.9	99.4	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9

394

TOTAL NUMBER OF OBSERVATIONS

1210WS
FORM
JUL 64

0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

STATION NAME
WAKE ISLAND INT APT WBC
STATION
41406
YEARS
50-64
MONTH
FCT
HOURS (L.S.T.)
0900-1100

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
≥ 20000	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7
≥ 18000	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2
≥ 16000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5
≥ 14000	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 12000	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4
≥ 10000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8
≥ 9000	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5
≥ 8000	84.9	85.2	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 7000	86.0	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6
≥ 6000	86.3	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9
≥ 5000	87.7	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3
≥ 4500	88.1	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7
≥ 4000	89.2	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8
≥ 3500	89.6	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3
≥ 3000	89.9	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6
≥ 2500	90.1	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8
≥ 2000	95.0	95.4	95.5	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9
≥ 1800	96.4	97.3	97.5	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0
≥ 1500	97.4	98.6	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 1200	97.4	98.6	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 1000	97.5	98.7	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 900	97.5	98.7	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 800	97.5	98.7	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 700	97.5	98.7	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 600	97.5	98.7	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 500	97.5	98.7	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 400	97.5	98.7	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 300	97.5	98.7	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 200	97.5	98.7	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 100	97.5	98.7	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 0	97.5	98.7	99.1	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS
1394

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 STATION WAKE ISLAND INT APT WBC 50-64 YEARS MONTH OCT 1200-1400 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
≥ 2000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 1800	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 1600	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1400	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1200	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1000	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 900	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 800	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 700	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 600	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 500	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 450	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 400	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 350	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 300	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 250	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 200	96.1	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.6	96.6
≥ 1800	97.1	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3
≥ 1500	97.6	98.6	98.9	99.1	99.4	99.4	99.4	99.4	99.6	99.6	99.6
≥ 1200	97.6	98.6	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.9	99.9
≥ 1000	97.6	98.6	99.0	99.3	99.6	99.6	99.6	99.7	99.7	100.0	100.0
≥ 900	97.6	98.6	99.0	99.3	99.6	99.6	99.6	99.7	99.7	100.0	100.0
≥ 800	97.6	98.6	99.0	99.3	99.6	99.6	99.6	99.7	99.7	100.0	100.0
≥ 700	97.6	98.6	99.0	99.3	99.6	99.6	99.6	99.7	99.7	100.0	100.0
≥ 600	97.6	98.6	99.0	99.3	99.6	99.6	99.6	99.7	99.7	100.0	100.0
≥ 500	97.6	98.6	99.0	99.3	99.6	99.6	99.6	99.7	99.7	100.0	100.0
≥ 400	97.6	98.6	99.0	99.3	99.6	99.6	99.6	99.7	99.7	100.0	100.0
≥ 300	97.6	98.6	99.0	99.3	99.6	99.6	99.6	99.7	99.7	100.0	100.0
≥ 200	97.6	98.6	99.0	99.3	99.6	99.6	99.6	99.7	99.7	100.0	100.0
≥ 100	97.6	98.6	99.0	99.3	99.6	99.6	99.6	99.7	99.7	100.0	100.0
≥ 0	97.6	98.6	99.0	99.3	99.6	99.6	99.6	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 192

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

LAKE ISLAND INT APT RBC
STATION NAME

50-64
YEARS

061
MONTH

1500-1700
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2
NO CEILING	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
≥ 20000	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 18000	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 16000	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 14000	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 12000	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 10000	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 9000	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 7000	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 6000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 5000	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4500	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4000	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3500	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3000	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000	95.6	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800	97.6	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	98.1	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	98.1	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	98.1	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	98.1	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	98.1	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	98.1	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	98.1	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	98.1	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	98.1	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	98.1	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	98.1	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	98.1	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	98.1	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

1394

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 STATION WAKE ISLAND INT APT W8C 50-64 YEARS MONTH CCI
1800-2000 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 20000	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 18000	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 16000	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 14000	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 12000	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 10000	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 9000	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 8000	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 7000	86.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 6000	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 5000	88.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4500	88.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4000	89.5	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3500	89.7	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3000	90.0	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	90.0	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000	93.8	94.9	95.1	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800	95.6	97.1	97.4	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	96.3	98.1	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	96.4	98.4	98.8	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3
≥ 1000	96.6	98.6	99.0	99.1	99.3	99.4	99.5	99.5	99.5	99.6	99.6
≥ 900	96.6	98.6	99.0	99.1	99.3	99.4	99.5	99.5	99.5	99.6	99.6
≥ 800	96.6	98.7	99.1	99.2	99.4	99.5	99.6	99.6	99.6	99.7	99.7
≥ 700	96.7	98.8	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.8	99.8
≥ 600	96.7	98.8	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.8	99.8
≥ 500	96.7	98.8	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.8	99.8
≥ 400	96.7	98.8	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.8	99.8
≥ 300	96.7	98.8	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.8	99.8
≥ 200	96.7	98.8	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.8	99.8
≥ 100	96.7	98.8	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.8	99.8
≥ 0	96.7	98.8	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

1395

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 84

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 WAKE ISLAND INT APT WBC 50-64 OCT MONTH
STATION NAME PERCENTAGE FREQUENCY OF OCCURRENCE 2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
≥ 20000	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 18000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 16000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 14000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 12000	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 10000	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 9000	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 8000	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 7000	86.7	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 6000	87.0	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 5000	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4500	88.9	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4000	90.3	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3500	91.0	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3000	91.2	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2500	91.3	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2000	95.5	96.3	96.5	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800	96.8	97.7	98.1	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6
≥ 1500	97.5	98.6	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 1200	97.5	98.6	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 1000	97.5	98.6	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 900	97.5	98.6	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 800	97.5	98.6	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 700	97.5	98.6	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 600	97.5	98.6	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 500	97.5	98.6	99.1	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 400	97.5	98.6	99.1	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8
≥ 300	97.5	98.6	99.1	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8
≥ 200	97.5	98.6	99.1	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8
≥ 100	97.5	98.6	99.1	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8
≥ 0	97.5	98.6	99.1	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 1193

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JUL 64

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT WBC
STATION NAME

49-64
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 20000	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 18000	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 16000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 14000	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 12000	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 10000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 9000	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 8000	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 7000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 6000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 5000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 4500	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3500	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3000	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2500	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2000	97.1	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	98.3	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	98.5	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	98.5	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

1438

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT WBC
STATION NAME

49-64

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
≥ 20000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 18000	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 16000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 14000	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 12000	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 10000	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 9000	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 7000	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 6000	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4500	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4000	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3500	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 500	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 300	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 200	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 100	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 0	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9

TOTAL NUMBER OF OBSERVATIONS

1439

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT WMC
STATION NAME

49-64

YEARS

NOV
MONTH

0600-0300
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16
NO CEILING	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
≥ 20000	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 18000	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 16000	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 14000	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 12000	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 10000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 9000	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 7000	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 6000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 5000	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4500	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4000	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3500	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3000	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2000	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	98.5	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	98.6	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	98.7	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	98.7	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.7	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.7	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.7	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.7	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.7	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.7	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	98.7	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	98.7	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	98.7	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

1435

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

LAKE ISLAND INT APT WBC
STATION NAME

49-64

YEARS

NCV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½
NO CEILING	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
≥ 2000	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 1800	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 1600	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1400	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 1200	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 1000	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 900	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 800	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 700	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 600	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 500	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 450	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 400	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3500	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3000	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2000	95.5	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	97.4	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	98.3	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	98.3	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	98.3	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	98.3	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	98.3	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	98.3	99.0	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	98.4	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	98.4	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	98.4	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	98.4	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	98.4	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	98.4	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	98.4	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

1427

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT WBC
STATION NAME

49-64

YEARS

NOV
MONTH

1200-1400
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS).

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 2000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 1800	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 1600	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 1400	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 1200	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 1000	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 900	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 800	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 700	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 600	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 500	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 450	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 400	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 350	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 300	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 250	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 200	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	98.6	98.8	98.9	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	98.7	98.8	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	98.9	99.0	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	98.9	99.0	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	98.9	99.0	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	98.9	99.0	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	98.9	99.0	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	98.9	99.0	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	98.9	99.0	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	98.9	99.0	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	98.9	99.0	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	98.9	99.0	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	98.9	99.0	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

1440

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 WAKE ISLAND INT APT WBC
STATION NAME

49-64

STATION NAME

YEARS

NCV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
≥ 20000	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 18000	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 16000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 14000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 12000	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 10000	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 9000	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 8000	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 7000	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 6000	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 5000	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4500	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4000	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3500	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3000	90.6	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	91.2	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2000	96.7	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	98.5	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	98.6	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

1438

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT WBC
STATION NAME

49-64

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
≥ 20000	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 18000	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 16000	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 14000	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 12000	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 10000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 9000	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 8000	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 7000	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 6000	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 5000	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4500	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4000	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3500	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3000	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 2500	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2000	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	97.5	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500	98.3	98.8	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 1200	98.5	98.9	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4
≥ 1000	98.5	99.0	99.3	99.3	99.4	99.4	99.5	99.6	99.6	99.7	99.7
≥ 900	98.5	99.0	99.4	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7
≥ 800	98.5	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8
≥ 700	98.5	99.1	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9
≥ 600	98.5	99.1	99.4	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9
≥ 500	98.5	99.1	99.4	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0
≥ 400	98.5	99.1	99.4	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0
≥ 300	98.5	99.1	99.4	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0
≥ 200	98.5	99.1	99.4	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0
≥ 100	98.5	99.1	99.4	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0
≥ 0	98.5	99.1	99.4	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1440

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT W8C
STATION NAME

49-64
YEARS

NGV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 5/16
NO CEILING	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
≥ 20000	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 18000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 16000	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 14000	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 12000	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 10000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 9000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 8000	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 7000	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 6000	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4500	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4000	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2500	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	98.3	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	98.5	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	98.6	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	98.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	98.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	98.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	98.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	98.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	98.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	98.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	98.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	98.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	98.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	98.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

438

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JUL 64

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

WAKE ISLAND INT APT WBC
STATION NAME

49-64

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ 5/16
NO CEILING ≥ 20000	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
≥ 18000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 16000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 14000	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 12000	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 10000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 9000	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 8000	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 7000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 6000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 5000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4500	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3500	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3000	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2500	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1800	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 100	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS

147

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606
STATION

LAKE ISLAND INT APT WBC
STATION NAME

49-64

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4
NO CEILING	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
≥ 20000	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 18000	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 16000	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 14000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 12000	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 10000	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 9000	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 8000	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 7000	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 6000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 5000	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4500	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 4000	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3500	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3000	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2500	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2000	96.0	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	98.0	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	98.5	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	98.7	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	98.7	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.7	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.7	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.7	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.7	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.7	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.7	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.7	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.7	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.7	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.7	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1487

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JUL 64

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 WAKE ISLAND INT APT WBC
STATION NAME

49-64

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0900
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
≥ 20000	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 18000	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 16000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 14000	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 12000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 10000	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 9000	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 8000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 6000	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 5000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 4000	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3500	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3000	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2500	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2000	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

1458

TOTAL NUMBER OF OBSERVATIONS

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC. USAF
ASHEVILLE, N. C. 28601

CEILING VERSUS VISIBILITY

STATION 41606 WAKE ISLAND INT APT WBC STATION NAME 49-64 YEARS MONTH DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16
NO CEILING	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
≥ 20000	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 18000	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 16000	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 14000	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 12000	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 10000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 9000	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 8000	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 7000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 6000	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 5000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 4500	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4000	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3500	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 1482

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28901

CEILING VERSUS VISIBILITY

STATION 41606 WAKE ISLAND INT APT WBC STATION NAME 49-64 YEARS MONTH DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
≥ 2000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 1800	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 1600	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 1400	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 1200	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 1000	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 900	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 800	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 700	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 600	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 500	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 450	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 400	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 350	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 300	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 250	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 200	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	98.5	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

1488

TOTAL NUMBER OF OBSERVATIONS

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JUL 64

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 WAKE ISLAND INT APT WBC 49-64 DEC MONTH
STATION NAME YEARS
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)
1500-1700 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2
NO CEILING	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
≥ 2000	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 1800	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 1600	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 1400	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 1200	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 1000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 900	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 800	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 700	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 600	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 500	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 450	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 400	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 350	87.5	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 300	89.3	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 250	90.3	90.4	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 200	96.0	96.2	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800	97.9	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	98.7	99.0	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	98.8	99.3	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	98.9	99.4	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9
≥ 900	98.9	99.4	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9
≥ 800	98.9	99.4	99.5	99.5	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9
≥ 700	98.9	99.4	99.5	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.9	99.4	99.5	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.9	99.4	99.5	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.9	99.4	99.5	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.9	99.4	99.5	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	98.9	99.4	99.5	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	98.9	99.4	99.5	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	98.9	99.4	99.5	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1485

1210WS FORM JUL 64 0-14-5 (Def 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 STATION WAKE ISLAND INT APT WBC 49-64 YEARS MONTH DEC 1800-2000 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 5/16	≥ 1/4	
NO CEILING	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 20000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 18000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 16000	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 14000	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 12000	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 9000	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 8000	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 7000	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 6000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 5000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4500	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4000	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 3500	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3000	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2500	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2000	95.7	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	97.5	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500	98.2	98.7	98.7	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	98.4	98.9	98.9	99.1	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	98.5	98.9	99.1	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	98.5	98.9	99.1	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	98.5	99.0	99.2	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.5	99.1	99.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.5	99.1	99.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.5	99.1	99.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.5	99.1	99.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.5	99.1	99.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	98.5	99.1	99.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	98.5	99.1	99.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	98.5	99.1	99.3	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

1456

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

CEILING VERSUS VISIBILITY

41606 WAKE ISLAND INT API WBC
STATION NAME

49-64

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 20000	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 18000	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 16000	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 14000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 12000	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 10000	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 9000	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 8000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 7000	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 6000	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 5000	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4500	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4000	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3500	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3000	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 2500	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	96.5	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	98.3	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	98.4	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	98.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	98.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	98.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	98.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	98.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	98.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	98.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	98.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	98.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	98.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	98.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

1452

1210WS FORM 0-14-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning some time in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8	10 (or obscured)

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

SKY COVER

41606 STATION NAME WAKE ISLAND INT APT WBC PERIOD 46-47,49-65 ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10	
JAN	ALL	8.6	13.3	14.8	13.0	8.6	6.5	5.0	5.3	6.5	5.6	13.0	4.5 11301
FEB		9.9	15.9	15.7	12.0	9.0	6.2	4.8	4.8	6.2	5.2	10.4	4.1 10397
MAR		7.8	13.7	15.6	13.3	9.3	6.3	5.1	5.6	5.8	5.0	11.0	4.3 11405
APR		4.2	10.9	16.2	15.1	9.6	6.9	5.6	5.9	6.5	5.6	14.6	4.8 11035
MAY		2.8	9.7	15.9	14.3	9.9	8.5	4.9	5.5	6.8	7.0	14.4	5.0 12727
JUN		2.1	10.2	16.0	14.9	10.6	9.5	4.9	5.9	6.7	5.7	13.4	4.9 12265
JUL		.6	9.4	10.8	11.5	9.2	7.6	5.3	6.9	8.4	7.2	27.3	6.2 11192
AUG		1.4	5.2	12.2	11.9	9.3	6.8	5.2	6.4	5.9	6.1	27.5	6.1 11156
SEP		1.1	7.5	12.3	12.8	9.7	7.4	5.4	6.1	8.3	6.6	22.5	5.7 10747
OCT		1.5	7.4	12.9	13.0	8.0	7.0	5.2	6.7	7.1	5.7	25.7	5.8 11164
NOV		3.8	12.1	17.7	15.7	9.6	7.5	4.8	6.6	6.5	4.4	11.9	4.5 11307
DEC		7.4	13.9	17.2	15.4	9.4	6.7	4.8	5.6	5.5	4.3	9.6	4.1 11155
TOTALS		4.2	10.4	14.8	13.7	9.2	7.2	5.1	6.0	6.9	5.7	16.7	5.0 13605

SKY COVER

2

WAKE ISLAND INT APT REC

50-45

STATION NAME

PERIOD

JAN.
MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (A.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	9.6	14.8	14.7	13.0	9.8	5.7	5.1	5.1	4.5	4.0	13.5	4.3	148
	03-05	5.5	13.3	14.4	12.1	5.7	6.2	4.9	5.2	7.2	4.3	14.6	4.5	148
	06-08	6.1	11.0	12.5	11.8	8.8	7.0	4.6	6.8	10.4	6.9	14.2	5.0	14.0
	09-11	7.7	12.6	12.6	12.5	7.3	6.9	4.7	6.8	7.7	7.7	13.4	4.8	14.1
	12-14	8.4	12.4	14.0	13.7	7.8	7.5	5.3	4.8	6.1	7.7	12.2	4.6	14.2
	15-17	8.9	14.4	13.5	14.7	8.5	6.7	5.3	4.5	6.6	5.0	12.0	4.3	14.0
	18-20	8.7	12.2	16.7	14.5	9.2	5.6	6.1	4.2	5.4	5.2	12.2	4.3	14.2
	21-23	10.7	14.7	19.4	11.5	9.4	6.0	4.5	4.7	4.4	3.5	12.2	4.0	14.1
TOTALS		8.6	13.2	14.8	13.0	6.6	6.3	5.0	5.3	6.5	5.6	13.0	4.5	14.1

PERIOD

MONTH
318

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	10.4	17.4	15.8	14.2	7.2	6.4	4.5	4.6	5.8	4.5	10.2	4.0	1301
	03-05	7.5	14.2	17.0	12.7	8.3	6.6	4.8	5.0	6.8	4.5	12.6	4.4	1297
	06-08	8.2	13.3	15.5	10.8	9.9	7.2	5.6	4.6	7.9	7.0	9.9	4.4	1300
	09-11	9.4	11.8	16.0	15.3	7.5	6.0	4.6	5.6	4.8	6.7	9.8	4.3	1300
	12-14	11.6	16.0	13.3	14.2	7.5	6.6	5.5	5.2	4.6	4.8	10.5	4.0	1299
	15-17	11.2	16.0	14.0	13.6	9.4	6.5	4.5	6.0	5.6	5.3	8.8	4.0	1300
	18-20	10.0	18.4	17.8	11.6	8.3	5.8	3.2	3.5	6.2	4.8	10.5	3.9	1200
	21-23	11.2	20.3	16.3	11.0	7.0	4.6	4.9	3.9	6.2	3.6	10.9	3.9	1300
TOTALS		9.9	15.9	15.7	12.8	9.0	6.2	4.8	4.8	6.2	5.2	10.4	4.1	10197

SKY COVER

4 APR
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAR	00-02	10.8	16.8	16.7	13.1	8.1	5.8	5.5	4.8	5.1	3.1	10.2	3.9	1416
	03-05	7.9	13.8	19.6	12.9	9.4	4.9	5.1	5.9	4.3	4.3	11.9	4.2	1426
	06-08	5.0	12.1	13.7	12.3	10.7	5.9	4.7	7.6	7.5	7.4	13.0	4.9	1416
	09-11	6.7	12.9	15.5	14.4	7.5	6.2	5.8	6.1	6.2	6.5	12.1	4.6	1425
	12-14	7.1	13.7	16.1	14.0	10.1	6.5	5.0	5.6	6.5	5.7	9.8	4.3	1426
	15-17	6.6	13.3	14.5	14.5	10.2	6.5	4.4	5.5	5.9	5.0	11.6	4.4	1424
	18-20	6.5	11.8	16.4	15.1	9.7	7.9	5.6	5.0	6.6	5.0	10.2	4.4	1426
	21-23	11.6	15.1	20.1	13.7	9.0	4.7	4.7	4.6	4.1	3.3	9.1	3.7	1426
TOTALS		7.8	13.7	16.6	13.6	9.3	6.3	5.1	5.6	5.8	5.0	11.0	4.3	1405

SKY COVER

12

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	5.1	14.0	19.1	15.5	8.3	5.1	5.4	5.6	5.9	3.5	13.2	4.4	1350
	03-05	4.9	10.7	17.0	14.6	9.5	6.1	5.5	6.0	6.2	4.1	15.4	4.7	1480
	06-08	3.1	6.9	13.8	14.8	10.4	6.9	5.1	8.0	8.0	7.8	15.2	5.3	1350
	09-11	4.9	10.4	11.9	14.2	8.8	3.2	5.9	6.6	6.4	6.7	16.1	5.1	1350
	12-14	4.6	11.8	11.9	14.3	8.9	7.3	7.0	5.4	6.7	7.3	14.4	5.0	1378
	15-17	3.0	7.9	14.1	16.2	11.5	7.3	6.2	5.3	8.2	5.2	14.9	5.0	1379
	18-20	3.1	10.3	16.2	15.8	10.9	7.3	5.5	5.7	5.0	6.5	13.8	4.8	1379
	21-23	4.6	15.3	19.6	15.4	8.6	6.5	4.0	4.6	5.4	3.0	13.9	4.3	1379
TOTALS		4.2	10.9	15.2	15.3	9.6	6.9	5.8	5.9	6.5	5.8	14.6	4.8	1435

SKY COVER

DAY	MONTH
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	1
14	2
15	3
16	4
17	5
18	6
19	7
20	8
21	9
22	10
23	11
24	12
25	1
26	2
27	3
28	4
29	5
30	6
31	7
32	8
33	9
34	10
35	11
36	12
37	1
38	2
39	3
40	4
41	5
42	6
43	7
44	8
45	9
46	10
47	11
48	12
49	1
50	2
51	3
52	4
53	5
54	6
55	7
56	8
57	9
58	10
59	11
60	12
61	1
62	2
63	3
64	4
65	5
66	6
67	7
68	8
69	9
70	10
71	11
72	12
73	1
74	2
75	3
76	4
77	5
78	6
79	7
80	8
81	9
82	10
83	11
84	12
85	1
86	2
87	3
88	4
89	5
90	6
91	7
92	8
93	9
94	10
95	11
96	12
97	1
98	2
99	3
100	4
101	5
102	6
103	7
104	8
105	9
106	10
107	11
108	12
109	1
110	2
111	3
112	4
113	5
114	6
115	7
116	8
117	9
118	10
119	11
120	12
121	1
122	2
123	3
124	4
125	5
126	6
127	7
128	8
129	9
130	10
131	11
132	12
133	1
134	2
135	3
136	4
137	5
138	6
139	7
140	8
141	9
142	10
143	11
144	12
145	1
146	2
147	3
148	4
149	5
150	6
151	7
152	8
153	9
154	10
155	11
156	12
157	1
158	2
159	3
160	4
161	5
162	6
163	7
164	8
165	9
166	10
167	11
168	12
169	1
170	2
171	3
172	4
173	5
174	6
175	7
176	8
177	9
178	10
179	11
1	

FORM 0-9-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

PERIOD

JUL
MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (A.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02	2.9	14.2	20.6	16.5	11.8	8.1	4.5	4.9	4.9	2.5	9.2	4.1	1537
	03-05	2.1	11.9	17.1	16.4	11.0	9.0	5.1	5.3	6.9	4.4	10.9	4.6	1538
	06-08	1.7	7.5	14.3	14.1	11.6	9.9	5.5	6.6	7.7	6.2	15.0	5.2	1557
	09-11	1.4	9.1	13.8	13.2	11.6	11.2	5.4	5.2	7.7	7.1	14.1	5.1	1556
	12-14	1.8	6.9	13.7	14.0	9.7	10.8	4.6	6.8	7.5	8.6	15.5	5.4	1560
	15-17	1.9	8.2	11.9	14.8	9.3	10.7	5.6	5.5	7.9	7.2	16.9	5.4	1546
	18-20	1.6	9.9	15.7	15.8	9.2	7.7	4.2	6.9	6.5	7.0	15.6	5.1	1536
	21-23	3.5	14.2	21.1	14.3	10.8	9.2	4.4	5.7	4.8	2.5	10.4	4.2	1535
	</													

SKY COVER

JUL
MONTH

5

1210WS **FORM** **0-9-5 (Det 50)** **PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.**
JUL 44

SKY COVER

2

41606
STATION

STATION NAME
WAKE ISLAND INT APT WBC

46,50-64

PERIOD

AUG
MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
AUG	00-02	3.6	7.2	15.2	12.0	6.3	6.0	4.8	6.2	7.7	2.7	25.7	5.5	1395
	03-05	1.7	7.4	15.4	12.7	8.0	7.7	4.9	6.5	8.6	4.6	22.4	5.6	1395
	06-09	.4	4.2	10.6	11.3	9.3	9.2	5.5	5.5	9.1	7.6	27.4	6.3	1393
	09-11	.6	4.2	11.2	12.2	7.5	6.2	4.8	7.4	10.1	7.3	28.6	6.4	1395
	12-14	.5	3.7	11.3	11.1	7.7	7.3	4.8	7.2	10.8	8.5	27.0	6.4	1395
	15-17	.4	2.9	9.0	12.7	9.5	7.0	5.7	6.5	7.7	7.7	31.1	6.5	1394
	18-20	.9	4.0	9.5	12.1	8.1	6.2	5.2	6.7	9.0	6.4	31.9	6.5	1394
	21-23	2.8	8.0	14.9	10.5	8.7	6.2	5.1	5.2	7.9	3.9	25.9	5.7	1395
TOTALS		1.4	5.2	12.2	11.9	6.5	6.8	3.2	6.4	8.9	6.1	27.5	6.1	11156

MONTH
\$15

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER									MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.		
		0	1	2	3	4	5	6	7	8			9	10
SEP	00-02	2.7	10.5	15.2	12.0	9.4	8.2	6.3	7.3	7.3	3.5	17.8	5.1	1344
	03-05	1.3	8.7	14.4	15.9	11.9	6.0	5.9	6.3	7.1	3.3	17.2	5.1	1344
	06-09	.7	6.3	10.6	12.9	10.2	8.7	4.1	6.2	9.2	7.6	23.3	5.9	1345
	09-11	.7	6.6	9.7	11.3	11.0	7.1	4.8	6.2	8.3	8.5	25.8	6.1	1343
	12-14	.4	4.6	10.3	11.6	10.4	7.0	5.3	6.7	9.9	8.9	24.8	6.2	1342
	15-17	.4	4.4	10.2	13.8	7.5	6.9	5.1	6.5	10.1	9.2	24.2	6.2	1343
	18-20	.7	7.5	11.9	12.7	8.3	6.3	5.7	5.1	9.3	7.2	25.3	6.0	1344
	21-23	2.2	11.4	16.5	13.1	8.6	7.1	5.1	4.9	5.5	4.0	21.7	5.1	1343
TOTALS		1.1	7.5	12.3	12.9	9.7	7.4	5.4	6.1	8.3	6.6	22.5	5.7	10747

SKY COVER

133

PERIOD

MONTH

MONTH	HOURS (A.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER									MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.		
		0	1	2	3	4	5	6	7	8			9	10
OCT	00-02	1.8	9.7	17.7	12.6	6.5	6.5	5.7	5.1	4.7	3.5	24.2	5.3	1394
	03-05	2.6	7.6	16.1	13.9	8.7	6.5	6.1	7.3	6.4	3.4	21.2	5.3	1393
	06-08	1.1	5.3	11.3	13.6	7.2	8.0	5.8	7.5	8.5	6.6	24.4	6.0	1394
	09-11	1.9	5.2	10.7	12.5	7.0	7.5	5.5	7.6	8.1	8.2	25.6	6.1	1396
	12-14	.9	6.8	10.3	12.5	9.3	6.8	3.5	6.0	7.2	7.2	29.5	6.2	1394
	15-17	.9	5.9	9.6	12.2	7.3	6.6	5.2	6.5	8.5	8.0	29.2	6.3	1395
	18-20	1.0	7.1	13.3	12.0	7.4	7.0	6.8	5.4	7.6	5.0	27.4	5.9	1395
	21-23	1.4	11.1	14.4	14.3	8.3	6.9	3.6	6.7	5.7	3.4	24.4	5.4	1393
TOTALS		1.5	7.4	13.9	13.0	8.0	7.0	5.3	6.5	7.1	5.7	23.7	5.8	1394

SKY COVER

PERIOD

NOV
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
NOV	00-02	4.0	17.0	17.7	15.3	8.5	5.6	5.2	6.0	7.0	3.6	10.0	4.2	438
	03-05	3.1	15.6	20.3	14.4	7.4	6.3	5.8	7.2	5.6	2.3	12.0	4.3	439
	06-08	2.6	10.3	17.6	15.5	8.7	9.3	5.8	5.9	6.9	4.3	13.0	4.7	435
	09-11	3.9	11.4	16.8	14.2	9.9	8.1	4.4	7.2	5.9	6.2	11.9	4.7	437
	12-14	5.0	10.3	15.2	15.0	10.1	8.1	4.0	7.2	6.9	4.2	12.8	4.7	440
	15-17	3.3	8.6	14.2	15.6	12.1	9.7	4.1	5.4	7.4	6.2	11.9	4.6	440
	18-20	2.8	9.6	16.5	15.7	10.6	7.6	5.5	6.0	7.1	4.3	12.2	4.7	440
	21-23	5.2	14.0	19.9	15.4	8.6	5.6	3.5	7.4	5.5	3.9	11.2	4.2	438
TOTALS		3.4	12.1	17.7	15.2	9.6	7.5	4.8	6.6	6.5	4.4	11.9	4.6	1,507

SKY COVER

DEC
MONTH

MONTH	HOURS (P.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00-02	7.4	16.5	20.4	15.0	9.1	6.3	4.5	5.0	4.2	3.3	8.4	3.8	1487
	03-05	7.5	15.5	20.0	16.1	8.1	7.4	4.7	6.0	4.0	2.6	3.2	3.8	1487
	06-08	8.4	11.6	16.1	16.4	9.7	6.8	4.0	5.4	6.7	6.7	10.1	4.5	1488
	09-11	9.0	14.6	13.7	13.6	8.5	7.0	4.6	6.9	6.3	5.8	10.1	4.3	1482
	12-14	7.5	12.6	14.4	15.9	9.2	6.8	5.6	6.0	6.6	5.2	9.6	4.3	1485
	15-17	7.0	11.9	13.3	17.0	11.2	7.2	4.8	6.0	5.7	5.3	10.4	4.4	1485
	18-20	6.1	11.8	19.2	15.3	9.3	7.3	5.0	4.8	5.7	4.2	10.8	4.3	1486
	21-23	9.0	16.5	20.7	14.0	8.7	4.9	4.1	4.6	5.3	2.9	9.3	3.8	1482
TOTALS		7.4	13.7	17.2	15.4	9.4	6.7	4.8	5.6	5.5	4.5	9.6	4.1	1485

PSYCHROMETRIC SUMMARIES

PART E

In this section are presented various summaries of dry-and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature
3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), and standard deviations (σ_x). The number of

observations used in the computations for each element is also shown.

- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Record for all years available are combined. Tables are prepared for the following:

- a. Dry-bulb temperature
- b. Wet-bulb temperature
- c. Dew-point temperature

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DAILY TEMPERATURES

STATION
41606

STATION NAME
WAKE ISLAND INT APT WBC

46-47,49-55

STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE
STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE

YEARS

42XIX

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)**

[illegible]

1210 WS 0-21.5 (Dot 50) FORM PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

3

41606

STATION NAME

46-47,49-51

YEARS

MINI

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)**

1210 WS
FORM 1114-1

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DAILY TEMPERATURES

46-47, 49-55

STATION NAME

YEARS

2013-14

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)**

[illegible]

DATA PROCESSING DIVISION
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EXTREME VALUES

MAXIMUM TEMPERATURE
 (FROM DAILY OBSERVATIONS)

41606 WAKE ISLAND INT API W2C 46-47, 49-55
 STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	87	86	87	88	88	89	89	90	89	87	86	84	90
47	84	84	86	85	85	88	88	89	89	88	86	84	
49													
50	85	83	85	85	86	88	88	89	87	86	86	84	
51	83	86	83	85	87	88	89	91	90	89	87	86	
52	83	83	86	85	87	89	89	90	88	88	88	86	
53	86	84	85	85	86	88	87	87	88	88	86	84	
54	85	85	84	86	85	88	88	88	88	88	86	85	
55	83	84	85	83	86	87	89	90	89	87	86	84	
56	83	85	84	84	87	88	88	89	90	89	87	85	
57	84	85	86	85	87	90	90	92	90	89	87	84	
58	84	83	85	85	86	89	89	90	90	89	88	86	
59	84	84	85	85	86	88	89	90	91	90	87	86	
60	85	85	87	86	88	89	89	90	90	89	88	85	
61	85	86	89	85	86	90	89	90	89	89	86	86	
62	87	85	85	86	89	90	90	90	90	89	86	85	
63	86	86	87	85	87	90	90	90	89	89	83	87	
64	85	84	85	87	88	90	88	89	89	88	88	84	
65	83	83	83	84	86	88							
66													
1970	87	86	87	91	91	92	92	92	92	91	90	88	
LCD													
MEAN	84.0	84.5	85.3	85.0	86.7	88.0	88.6	89.6	89.3	88.8	86.7	85.0	89.3
S.D.	1.338	1.098	1.372	1.084	1.081	1.309	1.339	1.179	1.000	1.177	1.021	1.147	1.184
TOTAL OBS.	55	50	55	54	55	54	52	57	48	52	54	47	596

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ASHEVILLE, N.C. 28801

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

41606 WAKE ISLAND INT APT WFO 46-47.49-65 18 4 P

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	69	72	70	72	72	76	72	70	74	75	72	74	69
47	70	66	70	73	74	76	79	75	75	71	75		
48											70	70	
49	69	69	69	69	72	71	71	72	73	73	(65)	70	
50	69	69	68	69	72	74	73	76	75	74	74	72	
51	67	71	70	71	72	73	71	73	71	71	69	71	
52	71	69	70	71	74	73	71	70	74	72	72	71	69
53	57	55	70	70	70	71	72	70	71	70	71	65	64
54	68	70	67	70	71	72	73	72	73	71	72	65	
55	66	65	69	69	72	72	69	72	73	71	68	70	
56	65	67	67	71	71	73	74	72	73	74	73	72	
57	65	67	69	69	71	73	73	68	73	72	72	72	
58	68	68	68	69	70	73	74	75	73	73	71	71	69
59	69	69	69	71	73	72	71	74	73	69	71	73	69
60	71	69	67	63	70	72	71	70	70	68	68	68	67
61	67	67	68	70	71	72	69	70	70	69	73	68	7
62	68	69	71	69	71	73	72	74	74	72	74	69	
63	70	69	70	69	72	72	73	74	73	71	71	66	6
64	68	70	69	69	70	71							
65													
18							17	11	16	17	18	17	
MEAN	68.2	68.4	68.9	70.1	71.6	72.7	74.2	72.2	73.1	71.5	71.2	69.6	66.1
S.D.	5.790	1.686	1.211	1.474	1.247	1.447	2.074	2.070	1.569	1.904	2.487	2.927	1.759
TOTAL OBS.	552	508	558	540	558	540	527	537	489	527	540	527	690

PSYCHROMETRIC SUMMARY

44-47,44-65

STATION NAME

YEARS

ALL
MON

PAGE 1 ALL
HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL			
	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	DB./WB.	Dry Bulb	Wet Bulb	Dew Point	
90/ 89					.0	.1	.2	.3	.4									182	182			
98/ 87				.0	.7	1.1	1.2	.0										2978	2978			
86/ 85	.0	.0	.0	.9	4.3	1.8	.1	.0	.0									10500	10500		2	
84/ 83	.0	.3	.3	4.3	5.0	1.6	.3	.1	.0	.0								17220	17220		2	
82/ 81	.0	.3	3.7	10.3	4.8	1.6	.5	.1	.0									31425	31425	91	2	
90/ 79	.0	.5	7.0	9.3	3.6	1.6	.5	.1	.0									33445	33445	4777	178	
78/ 77	.0	1.1	5.7	6.8	2.8	1.4	.4	.1	.0									26574	26574	27781	4014	
76/ 75	.0	1.2	3.2	4.1	2.4	1.0	.2	.0	.0									17988	17988	39603	25249	
74/ 73	.0	.6	.9	1.0	1.0	.6	.1	.0										6175	6175	30138	37505	
72/ 71	.0	.2	.2	.1	.2	.1	.0	.0										1505	1505	21300	28345	
70/ 69	.0	.0	.0	.0	.0	.0	.0	.0										260	260	13065	20289	
68/ 67	.0	.0	.0	.0	.0	.0	.0	.0										42	42	6702	12617	
66/ 65	.0	.0	.0	.0														6	6	3319	7974	
64/ 63																			1172	4911		
62/ 61																				294	3173	
60/ 59																			49	1949		
58/ 57																			5	317		
56/ 55																				321		
54/ 53																				.24		
52/ 51																				23		
50/ 49																				10		
48/ 47																				1		

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

41606
STATION

NAKE ISLAND INT APT WBC
STATION NAME

46-47.50-65

YEARS

JAN
MONTH

PAGE 1 ALL
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
86/ 85						.0	.1	.1	.1	.0	.0																						21	21			
84/ 83						.1	.7	.9	.6	.1	.0																						308	308			
82/ 81					.0	.8	2.9	2.9	1.2	.3	.0																						1043	1043			
80/ 79					.5	3.7	5.1	4.2	2.2	.4	.0																						2035	2035	1		
78/ 77			.3	4.7	9.4	5.6	3.5	1.5	.2	.1	.0																						3326	3326	45	2	
76/ 75	.0	1.2	2.3	8.7	9.2	3.8	.7	.1																									3650	3650	483	40	
74/ 73	.0	1.2	2.2	3.1	3.8	2.6	.2	.0																									1645	1645	2166	519	
72/ 71	.1	.9	.6	.6	1.0	.6	.1	.0																									477	477	3207	1702	
70/ 69	.0	.1	.2	.1	.1	.1																											75	75	2958	2462	
68/ 67		.0	.0	.0	.0																												6	6	2085	2210	
66/ 65																																			1173	1995	
64/ 63																																			382	1529	
62/ 61																																			71	1070	
60/ 59																																			13	659	
58/ 57																																			2	283	
56/ 55																																				2	79
54/ 53																																					26
52/ 51																																					7
50/ 49																																					3
TOTAL	.1	3.6	17.5	26.7	29.4	18.8	6.6	1.2	.1																								12586	12586	12586		

Element (K)	Z _x	Z _y	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature				
Rel. Hum.	65131.99	697521	71.3	9.469	12586	$\geq 67^\circ\text{F}$	$\geq 73^\circ\text{F}$	$\geq 80^\circ\text{F}$	$\geq 93^\circ\text{F}$	Total
Dry Bulb	74589.53	968295	76.9	2.737	12586	744.0	711.0	138.2		744.0
Wet Bulb	61815.24	881274	70.0	2.942	12586	647.0	259.3			744.0
Dew Point	56115.20	838844	66.6	4.056	12586	409.4	33.2			744.0

Element (X)	Z X:	Z X	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	65131.999	697521	71.3	9.469	12586	$\geq 0 F$	$\geq 32 F$	$\geq 47 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Dry Bulb	74589.53	968295	76.9	2.737	12586			744.0	711.0	134.2		744.0
Wet Bulb	61615.24	881274	70.0	2.942	12586			647.0	719.3			744.0
Dew Point	56115.20	838844	66.6	4.056	12586			409.4	33.2			744.0

PSYCHROMETRIC SUMMARY

43-1 MONTH

PAGE 1 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
																			DB./WB.	Dry Bulb	Wet Bulb	Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31					
86/ 85					.1	.1	.1	.0	.0									30	30			
84/ 83					.1	.8	1.3	.4	.1									310	310			
82/ 81			.0	.6	3.3	3.4	1.0	.3	.0									994	994			
80/ 79			.4	2.7	5.6	3.8	1.3	.3	.1									1623	1623			
78/ 77		.1	3.8	9.3	6.4	2.7	1.0	.2										2691	2691	.9	1	
76/ 75		.9	6.8	12.0	6.5	3.1	.7	.1	.0									3441	3441	27		
74/ 73	.0	1.1	3.5	4.0	4.2	2.6	.4	.0										1813	1813	1835	371	
72/ 71	.0	.7	.7	.6	1.1	.9	.2											481	481	3242	1314	
70/ 69		.1	.2	.1	.1	.2												75	75	2852	2678	
68/ 67	.0	.0	.1	.0														11	11	1624	2497	
66/ 65	.0	.0	.0															3	3	896	1700	
64/ 63																				431	1112	
62/ 61																				120	748	
60/ 59																				13	563	
58/ 57																					769	
56/ 55																					139	
54/ 53																					39	
52/ 51																					7	
TOTAL	.1	2.9	15.4	29.4	28.0	18.0	5.1	1.0	.1	.0								11472	11472	11473	11473	

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PSYCHROMETRIC SUMMARY

41606 STATION NAME WAKE ISLAND INT APT WBC YEARS 46-47, 50-65 MONTH MAR
PAGE 1 ALL HOURS (R. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	Dew Point	
88/ 87									.0									1	1		
86/ 85								.0	.1	.1	.0							35	35		
84/ 83				.1	1.3	1.5	.3	.1										416	416		
82/ 81			.0	1.4	4.9	3.5	1.1	.1	.0									1389	1389		
80/ 79			.5	5.1	6.1	3.6	1.0	.2	.0									2088	2088		
78/ 77		.2	6.6	11.4	5.7	2.0	.5	.0										3320	3320	31	
76/ 75	.0	1.6	9.1	13.3	5.7	1.7	.2	.0										3985	3985	734	
74/ 73	.0	1.1	7.6	2.7	2.0	.5	.1											1137	1137	3145	
72/ 71	.1	.6	.4	.1	.2	.0	.0											190	190	3903	
70/ 69	.0	.2	.0	.0														35	35	2599	
68/ 67		.0		.0														2	2	3054	
66/ 65																				1224	
64/ 63																				2715	
62/ 61																				426	
60/ 59																				74	
58/ 57																				144	
56/ 55																				7	
54/ 53																				494	
TOTAL	.2	3.8	7.3	33.4	0.25	913.0	3.4	.5	.0									12598	12598	12598	

Element (X)	ΣX ²	ΣX	X̄	s ²	s	No. Obs.	Mean No. of Hours with Temperature					Total
							≤ 0 F	≤ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	
Rel. Hum.	70099064	933628	74.1	8.493		12598						
Dry Bulb	7553802	974918	77.4	2.665		12598						
Wet Bulb	63835476	896262	71.1	2.400		12598						
Dew Point	58804749	859759	68.2	3.205		12598						

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PSYCHROMETRIC SUMMARY

41606 WAKE ISLAND INT APT WBC STATION NAME 46-47,50-65 YEARS MONTH APR
PAGE 1 ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	Dew Point	
86/ 85						.0	.0	.0										11	11		
84/ 83		.0		.1	1.9	1.7	.3	.0										494	494		
82/ 81			.0	3.0	8.0	2.8	.6	.1	.0									1792	1792		
80/ 79			1.0	8.0	6.3	2.0	.5	.1	.0									2180	2180		
78/ 77			3.0	9.6	4.4	1.1	.4	.1	.0									4154	4154	1	
76/ 75		1.5	7.7	9.5	3.5	1.2	.2	.1										2908	2908	32	
74/ 73	.0	1.2	1.3	1.0	.9	.6	.2	.0										645	645	1080	
72/ 71	.0	.2	.2	.0	.1	.1	.1	.0										104	104	3705	
70/ 69		.0	.0	.0	.0													8	8	1720	
68/ 67																			610	1989	
66/ 65																			272	896	
64/ 63																			91	444	
62/ 61																			49	764	
60/ 59																			5	156	
58/ 57																				58	
56/ 55																				40	
54/ 53																				27	
52/ 51																				5	
50/ 49																				2	
TOTAL	.0	3.2	1.2	36.1	25.1	9.7	2.3	.4	.0									12296	12296	12296	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total	
Rel. Hum.	70166	42	923760	75.1	7.900	12296	$\leq 0^\circ F$	$\leq 32^\circ F$	$\geq 67^\circ F$	$\geq 73^\circ F$	$\geq 80^\circ F$	$\geq 93^\circ F$	Total
Dry Bulb	7478	731	958409	77.9	2.515	12296			720.0	713.4	200.3		720.0
Wet Bulb	6368	6258	884432	71.9	2.399	12296			695.6	329.8	.1		720.0
Dew Point	5900	719	850875	69.2	3.193	12296			609.2	65.2			720.0

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PSYCHROMETRIC SUMMARY

41606 STATION WAKE ISLAND INT APT #8C 46-47, 50-65 YEARS JUN MONTH

PAGE 1 ALL
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89							.0											3	260	3	
88/ 87					.1	1.5	.4												1707	260	
86/ 85				.3	7.7	5.4	.4	.0											2214	1707	
84/ 83			.1	4.2	11.0	2.5	.2												2755	2214	
82/ 81		.0	2.5	14.8	4.7	.3	.0												4046	2755	
80/ 79		.4	13.3	17.9	1.1	.0													1160	4046	137
78/ 77	.0	1.3	5.5	2.6	.1														190	1160	3025 146
76/ 75	.0	.7	.7	.1															27	190	6484 2 99
74/ 73	.0	.2	.1																3	27	2453 6336
72/ 71	.0	.0																	3	3	249 2982
70/ 69																					12 636
68/ 67																					56
66/ 65																					8
TOTAL	.0	2.5	22.1	39.9	24.7	9.7	1.0	.0										12365	12365	12365	12365

Element (K)	Zx ²				Zx				x̄				σ _x				No. Obs.				Mean No. of Hours with Temperature				Total			
	73103828	947130	76.6	6.705	12365	947130	76.6	6.705	12365	947130	76.6	6.705	12365	947130	76.6	6.705	12365	947130	76.6	6.705	12365	947130	76.6	6.705	12365	947130	76.6	6.705
Rel. Hum.																												
Dry Bulb	82045449	1006723	31.4	2.621	12365	1006723	31.4	2.621	12365	1006723	31.4	2.621	12365	1006723	31.4	2.621	12365	1006723	31.4	2.621	12365	1006723	31.4	2.621	12365	1006723	31.4	2.621
Wet Bulb	70553746	933864	75.5	1.446	12365	933864	75.5	1.446	12365	933864	75.5	1.446	12365	933864	75.5	1.446	12365	933864	75.5	1.446	12365	933864	75.5	1.446	12365	933864	75.5	1.446
Dew Point	6624764	904864	73.2	1.591	12365	904864	73.2	1.591	12365	904864	73.2	1.591	12365	904864	73.2	1.591	12365	904864	73.2	1.591	12365	904864	73.2	1.591	12365	904864	73.2	1.591

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

41606 WAKE ISLAND INT API WDC 46-47.50-64 JUL MONTH
STATION NAME YEARS

PAGE 1 ALL
HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb/Wet Bulb/Dew Point		
90/ 89							.0											498	498		
88/ 87					.8	2.9	.4											2121	2621		
86/ 85				1.1	10.9	5.2	.2											2047	2047		
84/ 83			.2	7.2	8.7	.7	.0											3719	3719		
82/ 81		.0	6.5	20.6	3.3	.1												2973	2973		
80/ 79		.5	22.6	10.8	.4													622	622		
78/ 77		1.5	3.2	.4														167	167		
76/ 75	.0	.3	.4															40	40		
74/ 73	.1	.2	.0															5	5		
72/ 71	.0	.0																5	5		
70/ 69																					
68/ 67																					
TOTAL	.1	3.7	73.1	40.1	24.1	8.9	.6											12194	12194		

Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 32 F	≥ 32 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	73054732	940646	77.1	6.613	12194						
Dry Bulb	82051957	999823	82.0	2.610	12194						
Wet Bulb	70844348	929296	76.2	1.364	12194						
Dew Point	66711967	901753	74.0	1.484	12194						

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
WAKE ISLAND INTERNATIONAL AIRPORT. REVISED UNIFORM SUMMARY OF S--ETC(U)
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DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N. C. 28801

PSYCHROMETRIC SUMMARY

41606 STATION WAKE ISLAND INT APT WBC 46-47,50-64 YEARS MONTH AUG

PAGE 1 ALL
HOURS (L.S.T.)

Temp. [F]	WET BULB TEMPERATURE DEPRESSION [F]																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89					.1	.3	.3											80	80		
88/ 87				.1	3.3	4.5	.6	.0										1020	1020		
86/ 85			.0	2.8	11.3	2.3	.0											2006	2006	31.6	
84/ 83		.0	1.4	11.9	5.7	.2												2338	2338		
82/ 81		.3	11.2	20.2	1.9	.0												4078	4078	34	1
80/ 79		1.4	9.5	4.3	.1													1853	1853	1518	81
78/ 77	.0	2.0	2.1	.2														514	514	6107	1361
76/ 75	.1	1.3	.4	.0														211	211	3859	5717
74/ 73	.1	.1	.0															29	29	581	4131
72/ 71	.0	.0	.0	.0														4	4	31	784
70/ 69		.0																1	1		52
68/ 67																					5
TOTAL	.2	5.1	24.6	39.4	22.4	7.4	.9	.0										12134	12134	12135	12135

Element (X)	Σ X'	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	74396179	946469	78.0	6.856	12124						
Dry Bulb	82700464	1001184	82.5	2.756	12134						
Wet Bulb	71819528	933386	76.9	1.475	12135						
Dew Point	67890527	907467	74.8	1.553	12135						

PSYCHROMETRIC SUMMARY

YEARS

MON
STEP

PAGE 1 ALL
HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

41606 WAKE ISLAND INT APT WBO STATION NAME 46-47, 50-64 YEARS OCT MONTH
PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	Dew Point	
86/ 87				.0	1.0	.9	.1											254	254		
86/ 85			.0	2.4	7.3	2.7	.3	.0										1573	1573	1827	
84/ 83			1.0	9.4	7.3	1.7	.2	.0										2415	2415		
82/ 81			.110	.019	2.4	.5												4230	4230	13	
80/ 79	.0	1.1	11.7	8.6	1.7	.2	.0											2966	2966	893	
78/ 77	.0	1.3	2.8	.7	.2	.0												689	689	4817	
76/ 75	.1	1.1	.4	.0														202	202	4949	
74/ 73	.0	.3	.0															31	31	1395	
72/ 71	.0	.3																3	3	267	
70/ 69																			24	504	
68/ 67																			5	144	
66/ 65																				30	
64/ 63																				4	
62/ 61																				3	
TOTAL	.2	5.0	25.9	40.4	21.9	5.9	.6	.0										12363	12363	12363	

Element (X)	Σ X ²		Σ X		σ _x		No. Obs.		Mean No. of Hours with Temperature					Total	
	75961755	965393	78.1	6.831	12363	12363	12363	12363	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	≥ 100 F	744.0	744.0
Rel. Hum.	82648171	1010391	81.7	2.412	12363	12363	12363	12363	744.0	743.8	634.2			744.0	744.0
Dry Bulb	71575258	942420	76.2	1.694	12363	12363	12363	12363	744.0	726.2	11.0			744.0	744.0
Wet Bulb	67899437	915797	74.1	2.035	12363	12363	12363	12363	741.0	607.7	.2			744.0	744.0

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PSYCHROMETRIC SUMMARY

41606 WAKE ISLAND INT APT WBC 46-47,49-64 NOV MONTH
 STATION NAME YEARS

PAGE 1 ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	DB./WB.	Dry Bulb	Wet Bulb	Dew Point
88/ 87					.0	.0	.0											7	545	7	
86/ 85				.4	2.5	1.2	.2	.1										545	545		
84/ 83			.1	3.8	8.2	2.8	.6	.1	.0									1984	1984		
82/ 81		.0	2.6	12.7	6.9	1.6	.4	.1	.0									3091	3091		
80/ 79		.5	12.6	18.4	6.0	1.7	.1	.0										4980	4980	141	1
78/ 77	.0	1.7	5.4	3.7	1.7	.4	.1											1631	1631	1842	200
76/ 75	.1	.9	.9	.4	.1	.1	.0											313	313	5468	1927
74/ 73	.0	.3	.3	.1	.0													84	84	3496	4556
72/ 71	.0	.1	.1	.0														35	35	1240	3194
70/ 69		.0	.0															2	2	390	1499
68/ 67		.0																1	1	76	643
66/ 65	.0																	1	1	21	297
64/ 63																					103
62/ 61																					29
60/ 59																					25
TOTAL	.2	3.52	.039	525.4	7.7	1.4	.2	.0										12674	12674	12674	12674

Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature										Total
	74780957	969113	76.5	7.315	12674	≥ 80 F	≥ 73 F	≥ 67 F	≥ 62 F	≥ 50 F	≥ 32 F	≥ 20 F	≥ 10 F	≥ 0 F	≥ 0 F	≥ 0 F	≥ 0 F	≥ 0 F	≥ 0 F	≥ 0 F	≥ 0 F
Rel. Hum.	74780957	969113	76.5	7.315	12674																720.0
Dry Bulb	92146951	1019945	80.5	2.290	12674																720.0
Wet Bulb	70553444	945942	74.6	2.020	12674																720.0
Dew Point	66165291	915131	72.2	2.634	12674																720.0

PSYCHROMETRIC SUMMARY

YEARSDEC
MONTH

PAGE 1 ALL
HOURS (L. S. T.)

[illegible]

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

41606 WAKE ISLAND INT APT 48C

46-47,49-65

YEARS

STATION NAME

STATION

HRS. (L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
MEAN	75.4	75.1	75.6	76.3	77.6	79.4	80.2	80.8	80.9	80.3	79.2	77.1	78.1
S. D.	1.806	1.770	1.454	1.337	1.415	1.269	1.348	1.552	1.528	1.576	1.469	1.935	2.617
TOTAL OBS	1542	1412	1550	1518	1534	1537	1474	1456	1443	1520	1558	1608	14202
MEAN	75.1	74.7	75.3	75.9	77.2	79.0	79.8	80.4	80.5	80.0	78.8	76.7	77.3
S. D.	1.852	1.763	1.497	1.470	1.463	1.327	1.363	1.549	1.491	1.636	1.574	1.969	2.630
TOTAL OBS	1542	1408	1550	1522	1565	1538	1471	1456	1441	1517	1559	1607	16196
MEAN	75.3	75.0	75.8	76.7	78.2	80.3	80.8	81.2	81.4	80.6	79.3	77.1	78.5
S. D.	1.961	1.882	1.744	1.897	2.001	1.822	1.872	1.948	1.832	1.790	1.648	2.186	2.971
TOTAL OBS	1603	1463	1606	1556	1611	1557	1577	1578	1515	1580	1615	1668	18929
MEAN	78.2	78.2	78.9	79.5	81.1	83.2	83.5	84.0	84.3	83.2	82.0	80.0	81.3
S. D.	2.295	2.340	2.162	2.150	2.078	1.899	2.352	2.464	2.272	2.144	1.936	2.224	3.108
TOTAL OBS	1603	1465	1606	1560	1611	1556	1561	1580	1513	1581	1617	1659	18934
MEAN	79.9	79.9	80.5	81.0	82.5	84.5	84.8	85.3	85.6	84.4	83.1	81.3	82.7
S. D.	2.268	2.463	2.158	1.957	1.889	2.024	2.357	2.538	2.122	2.116	1.970	2.118	2.989
TOTAL OBS	1604	1464	1611	1557	1611	1560	1580	1580	1515	1560	1620	1667	18949
MEAN	79.1	79.2	79.7	80.0	81.6	83.8	84.1	84.6	84.7	83.4	81.9	80.2	81.9
S. D.	2.522	2.547	2.290	1.977	1.904	2.037	2.273	2.596	2.205	2.052	1.952	2.162	3.042
TOTAL OBS	1601	1437	1573	1541	1602	1546	1543	1546	1486	1549	1588	1636	18651
MEAN	76.5	76.4	77.0	77.5	79.1	81.2	81.8	82.2	82.2	81.2	79.9	77.9	79.4
S. D.	2.004	2.102	1.849	1.595	1.614	1.770	1.825	2.042	1.683	1.575	1.503	1.809	2.800
TOTAL OBS	1546	1411	1550	1522	1591	1536	1495	1486	1442	1519	1560	1605	18263
MEAN	75.8	75.5	76.1	76.7	78.1	79.9	80.7	81.3	81.5	80.7	79.5	77.4	78.5
S. D.	1.787	1.740	1.427	1.334	1.380	1.323	1.342	1.571	1.445	1.567	1.498	1.867	2.628
TOTAL OBS	1545	1412	1550	1620	1591	1535	1470	1452	1444	1517	1557	1601	18194
MEAN	76.9	76.8	77.4	77.9	79.4	81.4	82.0	82.5	82.7	81.7	80.5	78.5	79.8
S. D.	2.737	2.854	2.665	2.515	2.520	2.621	2.616	2.754	2.608	2.412	2.290	2.617	3.372
TOTAL OBS	12544	11473	12598	12296	12786	12365	12194	12134	11799	12363	12674	13051	14935

DATA PROCESSING DIVISION
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MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

41006 LAKE ISLAND INT APT H80

46-47,49-65

STATION

STATION NAME

YEARS

HRS. (L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	69.5 2.864 1542	69.4 2.841 1412	70.6 2.268 1550	71.3 2.251 1518	73.1 1.862 1584	74.8 1.211 1537	75.6 1.179 1474	76.3 1.274 1457	76.4 1.201 1443	75.7 1.593 1520	74.1 1.928 1558	71.6 2.932 1605	73.2 3.233 1800
03-05	69.3 2.866 1542	69.2 2.873 1409	70.3 2.301 1550	71.1 2.289 1522	72.8 1.863 1585	74.6 1.209 1538	75.3 1.151 1471	76.0 1.219 1456	76.2 1.235 1441	75.5 1.552 1517	73.9 1.933 1559	71.3 2.954 1604	72.9 3.239 1819
06-08	69.3 2.921 1603	69.2 2.862 1463	70.5 2.348 1606	71.4 2.449 1556	73.3 1.987 1611	75.1 1.325 1557	75.7 1.239 1577	76.4 1.315 1578	76.5 1.304 1515	75.8 1.572 1580	74.2 1.932 1615	71.5 3.108 1667	73.2 3.283 18928
09-11	70.5 2.922 1603	70.5 2.942 1465	71.7 2.397 1603	72.5 2.387 1560	74.4 1.957 1611	76.2 1.256 1556	76.8 1.298 1581	77.6 1.359 1580	77.7 1.306 1513	76.8 1.603 1581	75.2 1.978 1617	72.7 2.910 1659	74.4 3.347 18934
12-14	71.1 2.924 1604	71.2 2.831 1464	72.3 2.330 1611	73.1 2.293 1557	74.8 1.799 1611	76.6 1.299 1560	77.2 1.245 1580	78.0 1.320 1580	78.1 1.495 1515	77.3 1.621 1580	75.7 1.930 1620	73.2 2.852 1665	74.9 3.759 18947
15-17	70.8 2.859 1601	70.9 3.126 1437	72.0 2.259 1573	72.7 2.239 1541	74.5 1.746 1602	76.3 1.287 1546	77.0 1.256 1546	77.7 1.346 1546	77.7 1.269 1486	76.2 1.592 1549	75.2 1.994 1588	72.8 2.830 1633	74.5 3.749 18648
18-20	70.0 2.781 1546	70.0 2.769 1411	71.1 2.239 1550	71.8 2.218 1522	73.7 1.759 1591	75.5 1.251 1536	76.1 1.217 1495	76.7 1.295 1486	76.8 1.204 1442	76.0 1.550 1519	74.5 1.895 1560	72.0 2.779 1603	72.7 3.194 18261
21-23	69.7 2.830 1545	69.7 2.772 1412	70.8 2.230 1550	71.6 2.240 1520	73.4 1.820 1591	75.1 1.209 1535	75.8 1.114 1470	76.5 1.237 1452	76.6 1.204 1444	75.9 1.563 1517	74.3 1.921 1557	71.8 2.873 1598	73.4 3.209 18191
ALL HOURS	70.0 2.942 12586	70.0 2.930 11473	71.1 2.400 12598	71.9 2.399 12496	73.8 1.975 12786	75.5 1.446 12365	76.2 1.384 12194	76.9 1.475 12135	77.0 1.427 11799	76.2 1.694 12363	74.6 2.020 12674	72.1 2.966 13034	73.6 3.319 148303

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

41606 WAKE ISLAND INT APT WDC

46-47.49-65

STATION

STATION NAME

YEARS

HRS.(L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	66.6 3.967 1542	66.6 3.995 1412	68.2 3.166 1550	69.0 3.081 1518	71.2 2.421 1584	73.0 1.496 1537	73.7 1.474 1474	74.5 1.467 1457	74.6 1.422 1443	73.9 2.025 1520	72.0 2.604 1558	69.0 4.040 1605	71.0 4.001 16200
03-05	66.4 4.006 1542	66.4 4.054 1409	67.9 3.243 1550	68.8 3.159 1522	71.0 2.408 1585	72.7 1.492 1538	73.5 1.388 1471	74.3 1.435 1456	74.4 1.463 1441	73.7 1.927 1517	71.8 2.598 1559	68.8 4.094 1605	70.8 4.024 18195
06-08	66.3 4.109 1603	66.2 4.209 1463	67.9 3.260 1606	68.9 3.318 1556	71.1 2.495 1611	73.0 1.587 1557	73.8 1.418 1577	74.5 1.505 1578	74.6 1.527 1515	73.9 1.945 1580	72.0 2.630 1615	68.9 4.124 1667	70.9 4.154 18928
09-11	66.7 4.180 1603	66.7 4.109 1465	68.4 3.309 1608	69.4 3.374 1560	71.6 2.546 1611	73.4 1.607 1556	74.2 1.494 1581	75.1 1.544 1580	75.2 1.530 1513	74.4 2.030 1581	72.5 2.741 1617	69.4 4.126 1659	71.4 4.196 16934
12-14	66.9 4.253 1604	67.1 3.993 1464	68.6 3.281 1611	69.6 3.228 1457	71.7 2.445 1611	73.5 1.698 1560	74.4 1.496 1580	75.3 1.565 1580	75.3 1.634 1515	74.5 2.109 1580	72.7 2.638 1620	69.5 4.139 1665	71.6 4.157 18947
15-17	66.8 4.074 1601	67.0 3.924 1457	68.4 3.130 1573	69.5 3.121 1541	71.6 2.358 1602	73.4 1.647 1546	74.2 1.532 1546	75.1 1.582 1546	75.1 1.545 1486	74.3 2.082 1549	72.5 2.545 1508	69.4 4.048 1633	71.4 4.073 18642
18-20	66.8 3.860 1546	66.9 3.791 1411	68.3 3.094 1550	69.2 3.064 1522	71.4 2.350 1591	73.2 1.555 1536	73.9 1.472 1495	74.7 1.547 1486	74.8 1.495 1442	74.0 2.035 1519	72.2 2.605 1560	69.2 3.877 1603	71.2 3.951 18261
21-23	66.7 3.940 1545	66.9 3.863 1412	68.3 3.090 1550	69.2 3.101 1520	71.4 2.381 1591	73.1 1.473 1535	73.9 1.403 1470	74.7 1.491 1452	74.8 1.445 1444	74.0 1.987 1517	72.1 2.591 1557	69.1 3.968 1598	71.2 3.971 18191
ALL HOURS	66.6 4.056 12586	66.7 3.980 11473	68.2 3.205 12598	69.2 3.193 12296	71.4 2.437 12766	73.2 1.591 12365	74.0 1.484 12194	74.8 1.553 12135	74.9 1.538 11799	74.1 2.035 12363	72.2 2.634 12674	69.2 4.062 13035	71.2 4.074 149304

DATA PROCESSING DIVISION
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RELATIVE HUMIDITY

41606
STATION

WAKE ISLAND INT APT WBO
STATION NAME

46-47, 49-60
PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	100.0	99.2	86.6	52.9	17.4	2.1	71.5	12586
FEB		100.0	100.0	100.0	100.0	99.2	88.5	56.4	18.0	1.4	71.9	11473
MAR		100.0	100.0	100.0	100.0	99.8	93.0	66.9	23.4	2.0	74.1	12590
APR		100.0	100.0	100.0	100.0	99.6	95.7	73.7	25.5	1.7	75.1	12196
MAY		100.0	100.0	100.0	100.0	100.0	98.5	80.4	32.2	2.2	76.9	12730
JUN		100.0	100.0	100.0	100.0	100.0	99.5	79.2	20.4	1.8	76.5	12365
JUL		100.0	100.0	100.0	100.0	100.0	99.7	82.4	30.9	2.4	77.1	12194
AUG		100.0	100.0	100.0	100.0	100.0	99.7	84.5	35.0	4.2	78.0	12134
SEP		100.0	100.0	100.0	100.0	100.0	99.8	84.6	31.1	3.2	77.7	11799
OCT		100.0	100.0	100.0	100.0	100.0	99.4	86.0	35.0	3.9	78.1	12364
NOV		100.0	100.0	100.0	100.0	99.9	98.0	80.1	28.5	2.6	76.5	12674
DEC		100.0	100.0	100.0	100.0	99.3	90.9	67.0	23.0	2.7	73.8	13055
TOTALS		100.0	100.0	100.0	100.0	99.8	95.8	74.5	27.4	2.5	75.6	14830

RELATIVE HUMIDITY

MONTH
JAN

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	99.9	95.3	68.8	25.0	3.0	74.7	1547
	03-05	100.0	100.0	100.0	100.0	99.9	95.3	70.0	27.1	2.7	75.0	1547
	06-08	100.0	100.0	100.0	100.0	99.9	93.1	66.3	25.0	2.6	74.2	1603
	09-11	100.0	100.0	100.0	100.0	98.9	79.3	39.1	10.0	1.6	68.4	1603
	12-14	100.0	100.0	100.0	100.0	97.1	67.1	25.9	5.4	1.4	65.2	1604
	15-17	100.0	100.0	100.0	100.0	98.4	74.5	32.3	7.7	1.7	66.9	1601
	18-20	100.0	100.0	100.0	100.0	99.9	93.5	57.2	17.3	2.2	72.5	1546
	21-23	100.0	100.0	100.0	100.0	100.0	95.5	65.8	22.2	2.0	74.0	1545
TOTALS		100.0	100.0	100.0	100.0	99.2	85.6	53.9	17.0	2.1	71.3	12556

RELATIVE HUMIDITY

FEB
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	100.0	99.9	94.8	74.9	28.3	2.1	75.5	1412
	03-05	100.0	100.0	100.0	100.0	99.8	94.7	75.4	31.0	2.3	75.9	1409
	06-08	100.0	99.9	99.9	99.9	99.7	93.5	71.6	27.5	2.3	74.9	1463
	09-11	100.0	100.0	100.0	100.0	98.6	82.0	40.3	7.8	.9	68.5	1465
	12-14	100.0	100.0	100.0	100.0	97.1	74.7	22.8	5.1	.6	65.0	1464
	15-17	100.0	100.0	100.0	99.9	98.5	79.3	30.2	4.7	.6	66.9	1437
	18-20	100.0	100.0	100.0	100.0	99.8	93.9	64.1	16.7	1.3	73.0	1411
	21-23	100.0	100.0	100.0	100.0	99.9	95.5	73.7	23.3	1.7	75.0	1412
TOTALS		100.0	100.0	100.0	100.0	99.2	88.5	56.4	13.0	1.4	71.9	1473

RELATIVE HUMIDITY

STATION
41606

STATION NAME
WAKE ISLAND INT APY WEL

46-47, 50-62

Y. A. I.
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	100.0	99.9	98.6	95.9	3.5	3.0	78.1	1550
	03-05	100.0	100.0	100.0	100.0	100.0	98.1	86.2	40.9	4.0	78.4	1550
	06-08	100.0	100.0	100.0	100.0	100.0	97.7	83.7	32.6	3.5	77.2	1650
	09-11	100.0	100.0	100.0	100.0	99.6	90.7	52.2	9.0	.7	70.8	1600
	12-14	100.0	100.0	100.0	100.0	98.9	84.2	32.4	4.3	.9	67.0	1415
	15-17	100.0	100.0	100.0	100.0	99.6	87.0	39.2	6.3	.9	69.0	1573
	18-20	100.0	100.0	100.0	100.0	100.0	97.0	73.3	26.8	1.4	75.0	1553
	21-23	100.0	100.0	100.0	100.0	100.0	98.4	83.9	31.0	1.4	77.2	1500
TOTALS		100.0	100.0	100.0	100.0	99.8	93.0	66.9	23.4	2.0	74.1	12990

46-47, EC-65

APR
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
APR	00-02	100.0	100.0	100.0	100.0	99.9	98.7	90.1	41.8	2.0	78.6	1513
	03-05	100.0	100.0	100.0	100.0	99.9	98.6	90.4	45.7	3.4	79.2	1521
	06-08	100.0	100.0	100.0	100.0	99.6	97.6	87.0	35.5	2.1	77.6	1536
	09-11	100.0	100.0	100.0	100.0	99.2	92.9	59.5	10.7	1.2	72.0	1560
	12-14	100.0	100.0	100.0	100.0	99.0	90.0	39.2	3.4	.4	68.9	1577
	15-17	100.0	100.0	100.0	100.0	99.6	92.0	52.4	6.4	.6	70.7	1594
	18-20	100.0	100.0	100.0	100.0	99.8	97.0	83.2	24.7	1.6	76.7	1512
	21-23	100.0	100.0	100.0	100.0	100.0	98.6	89.3	36.6	2.0	78.1	1510
TOTALS		100.0	100.0	100.0	100.0	99.6	93.7	73.7	25.9	1.7	75.1	1256

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

WAKE ISLAND INT APT WEC

46-47,50-61

MONTH
A.D. '3

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	100.0	99.7	96.1	56.9	2.8	81.0	1584
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	96.8	59.1	4.4	81.4	1585
	06-08	100.0	100.0	100.0	100.0	100.0	99.5	93.9	39.1	4.3	79.3	1611
	09-11	100.0	100.0	100.0	100.0	100.0	97.4	67.3	10.5	1.4	73.3	1611
	12-14	100.0	100.0	100.0	100.0	99.9	96.1	44.1	4.9	.6	70.2	1611
	15-17	100.0	100.0	100.0	100.0	100.0	96.5	59.9	7.6	.5	72.0	1602
	18-20	100.0	100.0	100.0	100.0	100.0	98.8	89.8	30.5	1.1	77.7	1591
	21-23	100.0	100.0	100.0	100.0	100.0	99.4	96.0	50.2	2.3	80.3	1591
TOTALS		100.0	100.0	100.0	100.0	100.0	98.5	80.4	33.2	2.2	76.9	12786

DATA PROCESSING DIVISION
ETAC, USAF
ASHEVILLE, N.C. 28801

RELATIVE HUMIDITY

WAKE ISLAND INT APT WEC

46-47,50-65

JUN
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.7	50.2	1.8	80.9	1537
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.4	56.8	3.1	81.5	1538
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	94.9	34.5	2.2	78.9	1537
	09-11	100.0	100.0	100.0	100.0	100.0	99.2	62.7	8.5	1.0	72.7	1556
	12-14	100.0	100.0	100.0	100.0	100.0	97.6	38.9	6.7	1.0	70.2	1560
	15-17	100.0	100.0	100.0	100.0	100.0	99.2	50.3	7.5	1.4	71.5	1546
	18-20	100.0	100.0	100.0	100.0	100.0	100.0	89.5	21.7	1.6	77.1	1536
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	99.0	42.3	1.8	80.1	1535
TOTALS		100.0	100.0	100.0	100.0	100.0	99.5	79.2	28.4	1.6	76.0	12365

RELATIVE HUMIDITY

MONTH
JUL

PERIOD

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.6	51.3	2.8	80.9	1474
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.9	57.7	3.5	81.6	147
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	96.4	40.6	3.6	79.6	1577
	09-11	100.0	100.0	100.0	100.0	100.0	99.2	69.1	13.9	2.1	74.0	1581
	12-14	100.0	100.0	100.0	100.0	100.0	98.9	48.6	3.0	2.2	71.5	1580
	15-17	100.0	100.0	100.0	100.0	100.0	99.2	58.9	10.3	1.3	72.6	1546
	18-20	100.0	100.0	100.0	100.0	100.0	99.9	91.0	27.0	1.5	77.9	1495
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	99.3	41.4	2.0	80.1	1470
TOTALS		100.0	100.0	100.0	100.0	100.0	99.7	82.4	30.8	2.4	77.1	12 94

RELATIVE HUMIDITY

41606 STATION

WAKE ISLAND INT APT HBC	STATION NAME

46-47,50-64

AUC
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.7	54.3	4.5	81.4	1456
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.7	60.9	5.9	82.1	1456
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	97.4	47.1	5.8	80.7	1578
	09-11	100.0	100.0	100.0	100.0	100.0	99.6	77.7	17.0	3.5	75.3	1580
	12-14	100.0	100.0	100.0	100.0	100.0	98.7	53.4	11.6	2.8	72.5	1580
	15-17	100.0	100.0	100.0	100.0	100.0	99.5	60.7	14.6	3.7	73.6	1546
	18-20	100.0	100.0	100.0	100.0	100.0	99.9	91.9	31.8	4.0	76.5	1486
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	99.2	46.9	4.1	80.7	1457
TOTALS		100.0	100.0	100.0	100.0	100.0	99.7	54.5	30.0	4.3	78.0	12134

RELATIVE HUMIDITY

STATION
41606

WAKE ISLAND INT APT WEL

46-47, 5C-64

MONTH
545

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.7	51.2	4.8	81.3	1443
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.8	57.7	5.2	62.0	1441
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	97.4	43.8	4.7	80.3	155
	09-11	100.0	100.0	100.0	100.0	100.0	100.0	99.7	12.9	2.6	74.6	1513
	12-14	100.0	100.0	100.0	100.0	100.0	100.0	99.3	7.1	1.0	71.7	1555
	15-17	100.0	100.0	100.0	100.0	100.0	100.0	99.3	9.5	1.3	73.3	1496
	18-20	100.0	100.0	100.0	100.0	100.0	100.0	99.9	32.5	2.0	78.6	1442
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	99.2	43.6	3.7	80.5	1444
TOTALS		100.0	100.0	100.0	100.0	100.0	100.0	99.8	32.1	3.3	77.7	11799

RELATIVE HUMIDITY

STATION
41606

WAKE ISLAND INT APT WEO	STATION NAME

46-47, 50-66

PERIOD

120 MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	100.0	99.9	97.1	53.4	6.1	81.2	1500
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	98.0	55.4	5.9	81.5	1517
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	95.8	45.4	4.7	80.4	1580
	09-11	100.0	100.0	100.0	100.0	100.0	98.9	75.8	17.0	2.7	75.1	1501
	12-14	100.0	100.0	100.0	100.0	100.0	98.2	59.7	11.2	1.9	72.8	1580
	15-17	100.0	100.0	100.0	100.0	100.0	99.2	72.3	15.2	2.3	74.0	1549
	18-20	100.0	100.0	100.0	100.0	100.0	99.7	94.5	37.1	3.2	79.1	1519
	21-23	100.0	100.0	100.0	100.0	100.0	99.9	96.1	47.2	4.8	80.4	1517

RELATIVE HUMIDITY

NC:
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	100.0	100.0	99.0	91.2	40.6	3.2	79.1	1556
	03-05	100.0	100.0	100.0	100.0	100.0	99.2	91.7	46.1	4.1	79.5	1559
	06-08	100.0	100.0	100.0	100.0	100.0	99.3	89.7	38.3	3.6	78.6	1644
	09-11	100.0	100.0	100.0	100.0	99.8	96.8	68.2	13.2	1.8	72.5	1617
	12-14	100.0	100.0	100.0	100.0	99.6	95.0	52.7	8.3	1.7	71.3	1610
	15-17	100.0	100.0	100.0	100.0	99.9	96.3	62.8	12.3	1.5	73.5	1589
	18-20	100.0	100.0	100.0	100.0	100.0	99.0	28.9	32.1	2.3	78.0	1560
	21-23	100.0	100.0	100.0	100.0	100.0	99.0	91.5	37.2	2.6	78.6	1557
TOTALS		100.0	100.0	100.0	100.0	99.9	98.0	80.1	28.5	2.6	76.0	12674

RELATIVE HUMIDITY

DEC
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

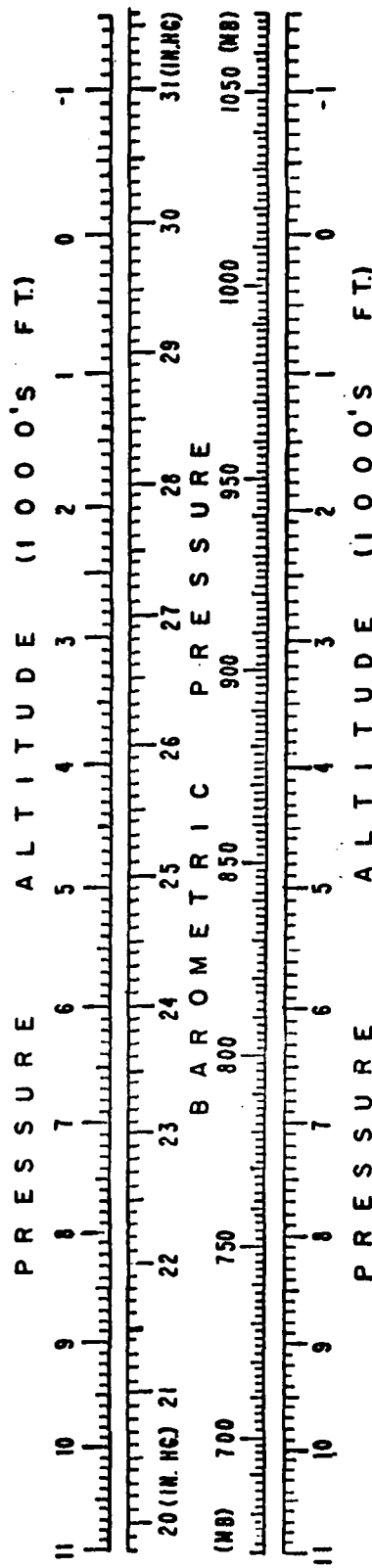
MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	100.0	99.7	95.0	80.5	32.6	3.7	76.6	1605
	03-05	100.0	100.0	100.0	100.0	99.9	95.1	80.2	36.0	3.7	76.9	1605
	06-08	100.0	100.0	100.0	100.0	99.6	95.1	78.8	32.0	4.0	76.3	1667
	09-11	100.0	100.0	100.0	100.0	99.1	86.1	54.9	11.6	1.4	70.9	1659
	12-14	100.0	100.0	100.0	99.9	97.8	80.1	38.7	7.0	1.4	68.2	1665
	15-17	100.0	100.0	100.0	100.0	99.0	85.5	49.6	11.6	1.7	70.3	1633
	18-20	100.0	100.0	100.0	100.0	99.8	95.1	75.0	23.5	2.9	75.1	1603
	21-23	100.0	100.0	100.0	100.0	99.8	95.5	79.3	30.7	2.6	76.3	1598
TOTALS		100.0	100.0	100.0	100.0	99.3	90.9	67.0	23.0	2.7	73.8	13025

PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

41606 WAKE ISLAND INT APT WCI

46-47.49-63

STATION

STATION NAME

YEARS

HRS. (L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
MEAN	29.943	29.967	29.974	29.988	29.980	29.954	29.933	29.914	29.894	29.901	29.935	29.938	29.944
S. D.	.078	.068	.063	.053	.046	.044	.038	.041	.051	.060	.060	.068	.064
TOTAL OBS	465	423	465	461	482	468	442	434	439	465	479	494	517
MEAN	29.919	29.940	29.942	29.955	29.945	29.920	29.898	29.878	29.858	29.869	29.907	29.912	29.912
S. D.	.078	.068	.064	.054	.048	.046	.039	.042	.053	.061	.061	.069	.069
TOTAL OBS	465	421	465	461	483	469	442	434	439	463	480	494	516
MEAN	29.920	29.939	29.950	29.964	29.955	29.927	29.901	29.878	29.863	29.876	29.910	29.915	29.916
S. D.	.077	.068	.067	.055	.049	.046	.043	.047	.056	.061	.061	.068	.067
TOTAL OBS	494	447	495	477	495	479	494	495	476	495	506	524	527
MEAN	29.964	29.983	29.993	30.006	29.988	29.956	29.932	29.911	29.899	29.914	29.951	29.960	29.954
S. D.	.077	.069	.066	.054	.048	.049	.041	.048	.068	.060	.062	.082	.070
TOTAL OBS	495	450	495	480	495	479	496	496	478	495	509	523	559
MEAN	29.946	29.970	29.977	29.988	29.976	29.949	29.925	29.904	29.887	29.895	29.929	29.924	29.933
S. D.	.079	.071	.067	.053	.046	.043	.040	.046	.050	.058	.060	.060	.060
TOTAL OBS	494	449	496	479	496	479	496	496	477	495	510	525	522
MEAN	29.891	29.914	29.923	29.938	29.935	29.915	29.891	29.865	29.842	29.849	29.880	29.895	29.894
S. D.	.078	.069	.066	.052	.046	.042	.041	.048	.050	.060	.059	.065	.069
TOTAL OBS	494	448	488	477	496	480	456	493	477	495	510	520	527
MEAN	29.910	29.927	29.930	29.940	29.934	29.908	29.881	29.863	29.847	29.863	29.897	29.903	29.900
S. D.	.080	.064	.064	.052	.048	.042	.043	.046	.051	.063	.059	.066	.064
TOTAL OBS	466	423	465	463	485	468	465	462	440	465	480	495	517
MEAN	29.945	29.963	29.970	29.979	29.972	29.943	29.914	29.905	29.891	29.906	29.937	29.940	29.939
S. D.	.079	.065	.063	.052	.048	.043	.043	.043	.057	.061	.060	.067	.069
TOTAL OBS	465	423	465	457	486	463	441	433	440	464	479	493	514
MEAN	29.930	29.951	29.958	29.970	29.961	29.934	29.909	29.890	29.873	29.884	29.918	29.922	29.933
S. D.	.081	.071	.069	.058	.051	.044	.052	.049	.056	.064	.064	.064	.077
TOTAL OBS	3834	3484	3834	3755	3913	3790	377	3743	3666	3837	3923	407	4566

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HGS FROM HOURLY OBSERVATIONS

46-47, 49-53

WAKE ISLAND INT API NBC

STATION

STATION NAME

YEARS

HRS.(LST.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00	1014.3 2.628 465 TOTAL OBS	1015.1 2.306 423 TOTAL OBS	1015.4 2.155 465 TOTAL OBS	1015.9 1.784 461 TOTAL OBS	1015.6 1.571 402 TOTAL OBS	1014.7 1.514 468 TOTAL OBS	1014.0 1.307 443 TOTAL OBS	1013.4 1.395 434 TOTAL OBS	1012.8 1.730 439 TOTAL OBS	1012.9 2.024 465 TOTAL OBS	1014.0 2.003 479 TOTAL OBS	1014.1 2.305 494 TOTAL OBS	1014.3 2.173 5318 TOTAL OBS
03	1013.5 2.632 465 TOTAL OBS	1014.2 2.302 421 TOTAL OBS	1014.5 2.183 465 TOTAL OBS	1014.7 1.839 461 TOTAL OBS	1014.4 1.630 463 TOTAL OBS	1013.5 1.552 469 TOTAL OBS	1012.8 1.337 442 TOTAL OBS	1012.1 1.432 424 TOTAL OBS	1011.4 1.781 439 TOTAL OBS	1010.1 2.064 463 TOTAL OBS	1010.3 2.060 480 TOTAL OBS	1013.3 2.319 495 TOTAL OBS	1013.3 2.709 5037 TOTAL OBS
06	1013.6 2.612 494 TOTAL OBS	1014.2 2.295 447 TOTAL OBS	1014.5 2.281 495 TOTAL OBS	1015.0 1.864 477 TOTAL OBS	1014.7 1.661 495 TOTAL OBS	1013.6 1.562 479 TOTAL OBS	1012.9 1.444 494 TOTAL OBS	1012.1 1.592 495 TOTAL OBS	1011.6 1.871 476 TOTAL OBS	1012.0 2.078 495 TOTAL OBS	1013.2 2.053 506 TOTAL OBS	1013.4 2.292 524 TOTAL OBS	1013.4 2.566 5277 TOTAL OBS
09	1015.1 2.601 492 TOTAL OBS	1015.6 2.337 450 TOTAL OBS	1016.0 2.251 495 TOTAL OBS	1016.4 1.847 490 TOTAL OBS	1015.8 1.623 495 TOTAL OBS	1014.8 1.510 479 TOTAL OBS	1013.9 1.399 498 TOTAL OBS	1013.0 1.610 496 TOTAL OBS	1012.8 2.235 478 TOTAL OBS	1013.4 2.051 496 TOTAL OBS	1014.6 2.090 509 TOTAL OBS	1014.8 2.326 523 TOTAL OBS	1014.7 2.312 5192 TOTAL OBS
12	1014.4 2.603 494 TOTAL OBS	1015.2 2.413 449 TOTAL OBS	1015.5 2.258 496 TOTAL OBS	1015.8 1.790 479 TOTAL OBS	1015.4 1.537 496 TOTAL OBS	1014.5 1.461 480 TOTAL OBS	1013.7 1.336 496 TOTAL OBS	1013.0 1.568 496 TOTAL OBS	1012.4 1.667 477 TOTAL OBS	1012.7 1.993 495 TOTAL OBS	1013.8 2.036 510 TOTAL OBS	1014.1 2.464 525 TOTAL OBS	1014.2 2.259 5193 TOTAL OBS
15	1012.5 2.645 494 TOTAL OBS	1013.3 2.311 448 TOTAL OBS	1013.6 2.234 438 TOTAL OBS	1014.1 1.770 477 TOTAL OBS	1014.1 1.569 496 TOTAL OBS	1013.4 1.433 450 TOTAL OBS	1012.0 1.371 496 TOTAL OBS	1011.7 1.614 493 TOTAL OBS	1010.9 1.702 477 TOTAL OBS	1011.1 2.043 495 TOTAL OBS	1012.2 2.007 510 TOTAL OBS	1012.4 2.209 523 TOTAL OBS	1012.7 2.198 5377 TOTAL OBS
18	1013.2 2.697 466 TOTAL OBS	1013.8 2.178 423 TOTAL OBS	1013.9 2.155 465 TOTAL OBS	1014.2 1.773 463 TOTAL OBS	1014.0 1.623 465 TOTAL OBS	1013.1 1.451 468 TOTAL OBS	1012.3 1.341 465 TOTAL OBS	1011.6 1.572 463 TOTAL OBS	1011.1 1.747 440 TOTAL OBS	1011.6 2.121 465 TOTAL OBS	1012.8 1.988 430 TOTAL OBS	1013.0 2.220 495 TOTAL OBS	1014.9 2.179 5170 TOTAL OBS
21	1014.4 2.673 465 TOTAL OBS	1015.1 2.261 423 TOTAL OBS	1015.2 2.150 465 TOTAL OBS	1015.6 1.771 457 TOTAL OBS	1015.3 1.633 456 TOTAL OBS	1014.3 1.466 441 TOTAL OBS	1013.5 1.330 441 TOTAL OBS	1013.0 1.478 433 TOTAL OBS	1012.6 1.790 440 TOTAL OBS	1013.1 2.073 464 TOTAL OBS	1014.1 2.016 479 TOTAL OBS	1014.2 2.252 493 TOTAL OBS	1014.2 2.567 5114 TOTAL OBS
ALL HOURS	1013.9 2.714 3838 TOTAL OBS	1014.6 2.415 3484 TOTAL OBS	1014.2 2.347 3834 TOTAL OBS	1015.2 1.967 3755 TOTAL OBS	1014.9 1.740 3915 TOTAL OBS	1014.0 1.611 1791 TOTAL OBS	1013.2 1.492 3771 TOTAL OBS	1012.5 1.676 3744 TOTAL OBS	1011.9 1.958 3660 TOTAL OBS	1012.3 2.143 3839 TOTAL OBS	1013.5 2.166 3953 TOTAL OBS	1013.7 2.421 4072 TOTAL OBS	1013.7 2.850 45666 TOTAL OBS

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